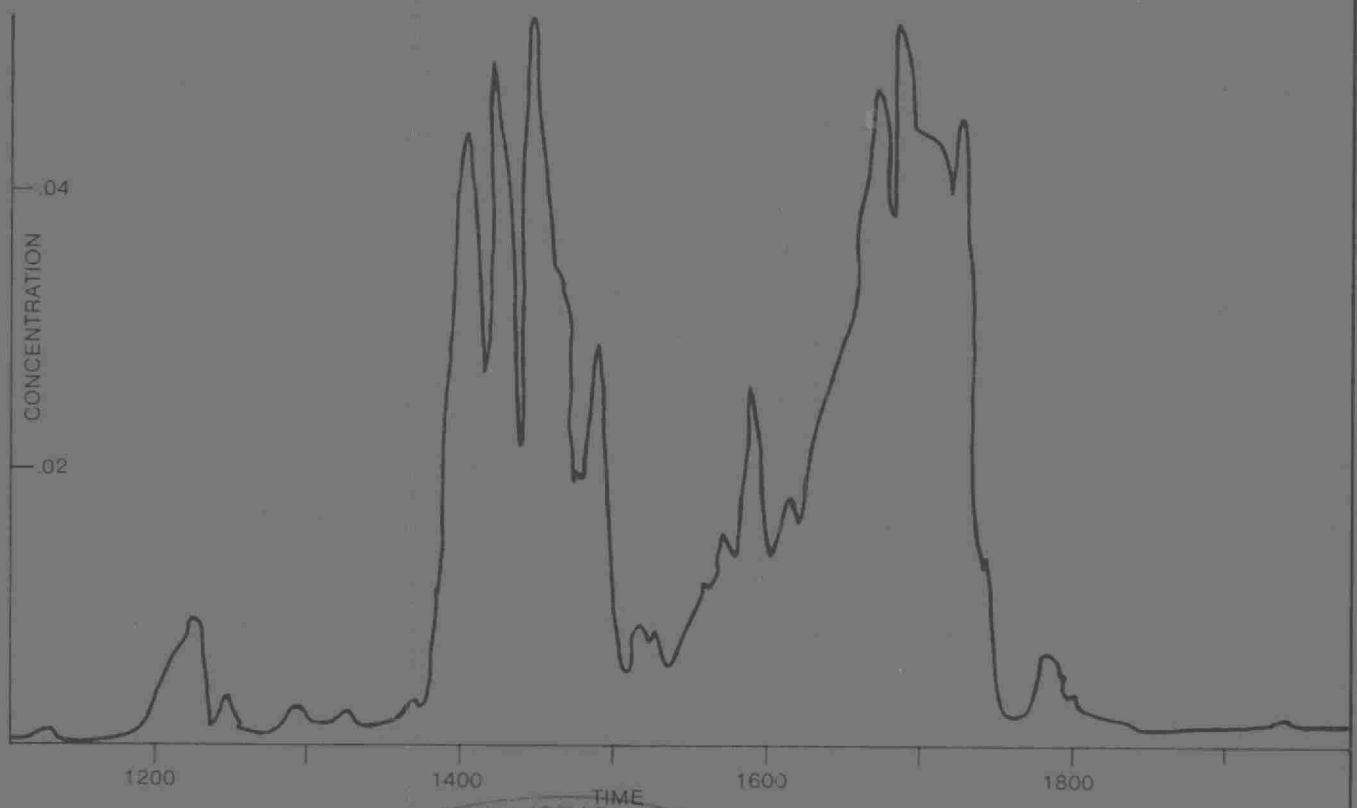
AIR QUALITY MONITORING REPORTS 1980

Volume 4

Report No. ARB-37-81 AQM



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Ontario
Ministry of the Environment
Hon. Keith C. Norton, Q.C.
Minister
Gérard J. M. Raymond
Deputy Minister

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AIR QUALITY MONITORING REPORT

ONTARIO 1980

VOL. 4

Ontario

Ministry of the Environment

Hon. Keith C. Norton, Q.C., Minister

Gérard J. M. Raymond Deputy Minister

Volume 4

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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14	0	0	0	3	1	1	2	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
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17	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	1	0	0	0	1	1	0	0	0	0
18	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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22	0	0	0	0	0	0	0	0	0	1	0	0	1	1	****	****	0	2	0	0	0	0	0	0	0
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NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	5	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
13	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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21	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
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26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
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29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	1	0	0	0
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PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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4	0	0	0	0	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
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8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9	2	1	1	0	0	0	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	2	3	2	1	1	1	1	0	1
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12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
26	2	2	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	1	1	1	0
4	0	0	0	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
10	0	0	0	0	0	0	0	0	1	1	1	1	0	****	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
18	1	0	0	0	1	3	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
19	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	0	0	0	0
22	1	1	1	1	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	1	2	1	1	1	1	0
26	0	0	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	5	0	4	2	2	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	2	2	1	3	0	0	0	0	0	0	0	0	2	3	2	1	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
16	2	2	2	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	3	0
22	6	8	5	3	4	4	4	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	2	3	2
23	6	3	2	0	1	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1
24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	1	4	1	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	2	6	6	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	2	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
15	0	0	0	1	3	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	4	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	0	4	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	7	7	1
21	8	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	1	1	0	0	0	0	0	1	2	10	2	1	0	0	0	0	0	0	0	****	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	3	4	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	1	0	2	8	4	4	5	5	0	1
6	0	0	0	0	1	2	2	2	0	2	2	1	3	2	2	2	1	2	1	2	1	1	1	0	1
7	5	7	6	5	4	2	1	2	0	0	0	0	****	3	3	2	2	1	2	0	0	0	0	0	2
8	0	3	4	4	5	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	3	4	4	3	6	5	3	2	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	1	2	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
25	1	0	0	0	0	0	0	0	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	1	0	0	0	0	1	1	2	1	1
27	1	1	1	1	2	2	3	2	2	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0
2	0	0	1	1	1	2	1	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	2	2	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	0
6	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	2	1
7	2	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	0
9	2	2	1	0	0	0	1	2	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	1
10	0	0	1	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1
11	0	0	1	5	2	2	2	2	2	2	1	2	1	1	1	1	1	1	2	2	1	0	0	1	1
12	3	1	1	1	1	1	2	4	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	1	1	2	2	2	2	3	1
14	2	3	1	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	1
15	2	3	1	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	1	1	1	1	2	0	1	1	2	1	1	2	0	0	0	0	0	0	1
17	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	2	******
MEAN	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	1	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	1	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	1	1	3	2	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	1
6	2	2	4	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	2	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	1
10	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	1	1	1	2	2	2	3	1	0	1
11	3	1	0	0	1	3	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	6	1	0	0	2	2	2	2	2	2	2	2	2	2	1
15	0	0	0	0	1	1	0	0	0	2	2	2	3	3	3	2	2	2	2	2	0	0	0	0	1
16	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
17	1	1	1	1	0	0	0	0	****	1	1	0	1	1	1	1	2	0	1	2	2	1	1	1	1
18	1	1	1	0	0	0	0	1	0	1	2	2	1	1	1	1	1	2	1	1	3	3	2	2	1
19	1	3	5	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2
20	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	4	5	4	2	2	2
21	2	2	3	1	1	2	3	1	0	0	0	0	1	1	1	1	1	1	0	0	2	2	2	1	1
22	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	2	2	2	2	2	1
23	1	1	1	2	2	3	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
24	0	1	1	1	1	2	3	3	3	2	2	2	2	2	****	1	1	2	2	2	2	2	0	1	2
25	0	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	1	1	3	0
27	0	0	0	1	1	1	1	1	0	1	1	2	2	2	1	1	1	2	3	4	0	0	0	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2	4	6	4	3	2	1
29	2	2	2	2	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1
30	5	4	3	4	4	3	1	2	3	3	4	2	1	1	2	2	2	2	2	3	4	3	3	3	3
31	1	1	1	1	2	2	3	2	4	6	5	2	1	1	1	****	2	2	2	1	2	2	1	0	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	2	2	1	1	1	0	0	0	0	1	1	2	2	1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	1	1	2	2	2	2	2	1	1	1	2	2	1	2	4	4	2	1	2	1
3	1	1	2	3	3	2	1	1	2	1	0	0	0	1	0	1	1	1	1	1	1	1	3	3	1
4	2	2	1	4	8	7	5	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	2	4	4	4	4	2	3	4	4	6	2	1	0	2
6	0	0	0	0	4	2	1	2	2	3	2	2	2	5	4	6	4	3	4	2	3	2	2	2	2
7	2	2	1	2	1	1	2	1	1	2	3	4	****	4	5	3	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	2	4	5	2	2	2	2	3	2	2	2	1	1	1	0	1
9	1	4	4	4	3	2	2	11	11	5	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	1	2	0	1	1	1	2	2	0	0	1	0	1	1	2	1	2	1	1	1	1
11	0	1	1	2	1	1	0	0	0	1	2	3	2	2	2	1	2	1	2	2	1	1	0	0	1
12	0	0	0	0	0	0	1	2	0	1	1	2	1	2	1	2	1	0	0	0	0	1	2	3	1
13	3	2	2	1	1	1	0	0	1	4	7	5	4	6	4	3	1	1	0	0	4	1	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	****	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	1	0	0	0	0	1	1	0	1	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	2	2	2	0	1	0	4	3	0	0	0	0	0	1	2	1	0	0	1	4	2	1
20	1	1	0	0	0	0	2	5	4	4	2	1	1	2	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	1	0	3	6	0	0	0	0	0	0	****	0	0	0	0	0	0	0	2	1
22	1	1	5	4	2	3	3	1	2	4	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	0	0	0	0	0	0	0	1	0
24	2	1	2	3	2	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	1	1	1	1	2
25	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	2	1
26	2	1	1	1	1	5	2	1	2	3	0	0	1	1	2	1	1	1	1	1	2	2	2	2	2
27	2	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0
28	0	1	0	0	0	0	0	0	0	0	0	1	2	2	2	1	****	1	1	2	2	2	5	1	1
29	2	2	2	5	8	10	7	4	5	1	2	2	1	1	1	1	1	1	1	1	2	2	10	9	3
30	7	5	3	2	6	3	2	2	2	2	2	3	1	1	2	2	1	1	1	1	1	1	1	1	2
MEAN	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	4	3	2	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	1	0	0	5	0	0	0	0	0	1	0	0	0	0	0	0
8	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	****	0	0	0	0	0	0	0	0	0
13	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
22	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	1	0	2	3	1	1	1	1	1	1	1	1	1	1	1
24	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
27	1	1	1	1	0	0	0	1	1	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	1	1	0	0	0	****	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.1	1	5
FEB	27	0.1	1	5
MAR	31	0.1	1	3
APR	30	0.1	1	5
MAY	31	0.2	2	8
JUN	30	0.2	1	10
JUL	31	0.7	5	19
AUG	31	0.3	2	8
SEP	29	0.3	1	5
OCT	31	0.9	3	6
NOV	30	1.1	3	11
DEC	31	0.2	2	5
YEAR	363	0.4	5	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	723	0	0	0	0	0	0	0	723
FEB	655	0	0	0	0	0	0	0	655
MAR	739	0	0	0	0	0	0	0	739
APR	713	0	0	0	0	0	0	0	713
MAY	738	0	0	0	0	0	0	0	738
JUN	715	0	0	0	0	0	0	0	715
JUL	731	7	0	0	0	0	0	0	738
AUG	741	0	0	0	0	0	0	0	741
SEP	692	0	0	0	0	0	0	0	692
OCT	735	0	0	0	0	0	0	0	735
NOV	714	2	0	0	0	0	0	0	716
DEC	736	0	0	0	0	0	0	0	736
YEAR	8632	9	0	0	0	0	0	0	8641

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.4	0	0.0	0.0	0.0	0.0	1.0	1.8	3.0	4.1	19	0.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 4.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	*****
11	- DATA INVALID -																								
12	- DATA INVALID -																								
13	- DATA INVALID -																								
14	- DATA INVALID -																								
15	- DATA INVALID -																								
16	- DATA INVALID -																								
17	- DATA INVALID -																								
18	- DATA INVALID -																								
19	- DATA INVALID -																								
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	- DATA INVALID -																								
27	- DATA INVALID -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	- DATA INVALID -																								
31	- DATA INVALID -																								
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 30.5 PERCENTAGE OF DATA INVALID - 69.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	- DATA INVALID -																								
3	- DATA INVALID -																								
4	- DATA INVALID -																								
5	- DATA INVALID -																								
6	- DATA INVALID -																								
7	- DATA INVALID -																								
8	- DATA INVALID -																								
9	- DATA INVALID -																								
10	- DATA INVALID -																								
11	- DATA INVALID -																								
12	- DATA INVALID -																								
13	- DATA INVALID -																								
14	- DATA INVALID -																								
15	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	*****
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	2	1	2	2	3	2	1	1
19	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1
20	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
23	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
24	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
25	****	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 50.6 PERCENTAGE OF DATA INVALID - 49.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	5	5	6	0	0	0	0	0	3	3	2	2	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	2	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	2	2	2	1	1	1
16	1	1	0	0	0	0	0	0	1	5	2	1	0	1	0	0	0	0	0	1	2	2	1	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	1	2	2	2	0	1	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	1	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	0	0	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	3	0	1	2	0	0	0	0	1	1	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	2	1	1	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0
23	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	2	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
25	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	****	****	****	****	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	1	1	0	****	****	****	****	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	1	3	0	0	0	1	1	0
3	1	1	1	1	1	1	1	****	****	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1
4	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0
5	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	1	0
8	0	0	0	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9	0	0	0	0	0	0	0	0	0	0	0	1	****	****	****	****	1	1	1	1	1	1	1	1	0
10	1	0	0	1	1	1	1	****	****	1	1	2	2	1	1	1	2	2	2	3	3	0	0	0	1
11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	1	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	0	******
22	****	****	****	****	****	****	****	****	****	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	******
23	0	0	0	0	0	0	0	0	****	****	****	1	2	2	2	2	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	2	1	1	1	0	0	1	0	0	0	0	2	2	1	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	3	3	3	2	2	1	0	0	0	0	0	1	1	2	3	4	4	5	4	4	3	3	3	2
13	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1
20	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
22	1	1	1	1	1	1	1	1	1	1	1	4	2	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	8	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
26	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	-	-	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	0	******
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
25	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0
30	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	2	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	2	2	1	1	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	1	0	0
30	1	1	1	1	1	0	2	2	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	0.0	0	0
FEB	28	0.0	0	0
MAR	9	0.0	0	0
APR	15	0.2	1	3
MAY	31	0.1	1	6
JUN	30	0.1	1	8
JUL	29	0.2	1	3
AUG	31	0.4	2	8
SEP	28	0.2	1	2
OCT	29	0.1	2	2
NOV	30	0.0	0	2
DEC	31	0.0	0	3
YEAR	320	0.1	2	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	704	0	0	0	0	0	0	0	704
FEB	681	0	0	0	0	0	0	0	681
MAR	227	0	0	0	0	0	0	0	227
APR	364	0	0	0	0	0	0	0	364
MAY	740	0	0	0	0	0	0	0	740
JUN	709	0	0	0	0	0	0	0	709
JUL	695	0	0	0	0	0	0	0	695
AUG	743	0	0	0	0	0	0	0	743
SEP	696	0	0	0	0	0	0	0	696
OCT	718	0	0	0	0	0	0	0	718
NOV	715	0	0	0	0	0	0	0	715
DEC	736	0	0	0	0	0	0	0	736
YEAR	7728	0	0	0	0	0	0	0	7728

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.0	0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.7	8	0.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	1	-	0	0	1	2	1	1	1	1	0	0	0	-	0	0	0	0	0	1
2	1	1	1	1	1	1	-	0	1	1	1	1	1	1	1	0	0	0	-	0	1	2	2	1	1
3	1	2	2	2	1	0	-	2	2	0	0	3	-	-	-	0	0	0	-	0	0	0	0	0	1
4	2	2	3	2	2	1	-	1	1	2	1	0	0	0	0	0	0	0	-	1	1	0	0	0	1
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	0	0
7	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	1	0
8	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	0	1	0
9	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	3	0	14	1
10	2	1	0	0	0	0	-	0	0	0	0	0	1	2	2	3	2	0	-	0	0	0	0	0	1
11	0	0	0	0	0	0	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	1	1	1	0	0	0	0	0	-	0	0	1	2	2	0
14	2	2	2	1	1	1	-	0	1	1	0	0	0	0	0	0	0	0	-	1	1	0	0	0	1
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	0	0
17	0	0	0	0	0	0	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	1	1	0	0
18	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
20	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	2	2	1	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
23	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0	1	0	0	-	0	0	0	0	0	0
24	0	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	1	1	0	-	0	1	2	2	2	0
26	1	1	4	4	2	2	-	0	0	0	0	0	0	1	1	1	0	0	-	0	0	0	0	0	1
27	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	1	1	0	-	0	2	3	2	2	2	2	1	0	0	0	-	0	0	0	0	0	1
29	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
30	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	0	0	0	-	-	0	0	0	0	******
31	0	0	0	0	0	0	-	-	0	0	0	0	0	-	0	0	0	0	-	-	0	0	0	0	0
MEAN	0	0	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	0.3

PERCENTAGE OF DATA VALID - 83.7 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 12.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	-	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	******
2	0	0	0	0	0	3	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
3	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
4	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
5	0	0	1	3	1	1	-	-	2	0	0	0	0	0	0	2	2	2	-	-	2	2	2	2	1
6	1	1	1	1	1	1	-	-	1	1	0	1	0	0	0	0	0	0	-	1	1	0	0	0	1
7	0	0	0	1	2	2	-	2	1	2	2	2	2	1	0	0	0	0	-	0	0	1	3	2	1
8	2	2	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	1	1	1	1	1	0
11	1	1	1	1	1	1	-	1	1	1	1	1	1	;	0	0	0	1	-	1	0	0	0	0	1
12	1	3	0	0	0	0	-	0	0	0	0	0	0	0	0	1	1	2	-	0	0	0	2	0	0
13	0	0	0	0	0	0	-	2	2	2	2	1	1	1	1	1	1	1	0	1	0	0	0	0	1
14	0	0	0	1	2	1	1	0	1	1	-	-	-	0	0	0	0	1	2	2	1	2	2	2	1
15	3	4	3	2	1	1	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	1	1	1	0
18	0	1	1	3	1	2	1	1	0	0	0	0	0	0	0	0	1	1	1	2	1	2	1	1	1
19	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	1	1	1	2	2	2
20	2	2	1	1	1	2	2	2	2	2	2	-	3	2	2	2	1	2	1	1	1	1	2	0	2
21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	-	1	1	1	1	1	2	2	2	2	1
22	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	2	2	2
23	3	2	2	2	2	2	2	2	2	2	1	1	0	0	1	2	2	2	2	2	3	3	2	3	2
24	2	3	3	2	3	2	3	2	3	2	2	2	3	2	2	3	2	3	2	2	2	2	2	2	2
25	2	2	2	2	2	2	1	2	2	1	1	-	2	2	2	2	2	2	1	2	2	2	2	2	2
26	2	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	2	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	5	2
28	4	5	3	3	3	3	2	3	3	4	3	3	3	3	3	3	2	3	2	2	2	2	2	2	3
29	2	2	1	2	2	2	1	2	2	2	1	2	1	0	0	0	-	2	1	1	1	2	2	3	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 7.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	2	2	2	2	3	2	2	1	2	1	1	-	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	0
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	******
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	1	1	******
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	1	2	6	4	2	1
10	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	-	0	1	2	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	1	2	2	0	0	0	1	1	2	1	1	1	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	1	1	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
20	1	1	2	3	1	2	1	1	1	1	1	-	-	-	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	-	-	0	1	1	1	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	1	2	2	2	2	-	1	0	0	4	0	1
27	0	0	0	2	2	0	-	0	0	1	0	0	****	****	0	0	0	0	-	0	1	0	0	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.3

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 7.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	1	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	0	0
3	0	0	0	0	0	0	-	0	0	1	1	1	1	1	1	1	0	0	-	0	0	0	0	0	0
4	0	0	0	1	0	0	-	0	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
7	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	-	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	******
12	0	0	0	0	0	1	-	0	0	0	0	0	1	1	0	0	0	0	-	0	0	1	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	1	0	0	-	0	0	0	0	0	0	0	0	0	1	1	-	1	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
17	0	0	0	0	3	6	-	0	0	0	0	0	0	0	0	1	1	1	-	1	1	1	1	1	1
18	1	1	1	1	1	1	-	3	2	2	1	1	0	0	0	0	0	0	-	0	0	0	0	0	1
19	0	0	0	0	0	0	-	1	1	1	0	3	2	3	2	1	0	0	-	****	****	****	****	****	1
20	****	****	****	****	****	****	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	1	1	1	0	0	0	0	0	0	-	0	0	0	-	-	0
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	3	-	1	1	1	1	1	******
23	0	0	0	1	0	0	-	1	2	1	1	2	2	0	0	0	0	0	-	0	0	0	1	0	1
24	0	0	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	2	0	0	-	0	2	2	0	2	0
26	1	0	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	0	1	0	1	1	1	1	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	1	1	1	1	1	1	1	1	0	-	0	0	0	0	0	0
30	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 83.5 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 10.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	0	0	0	0	0	0	1	0	1	1	0	-	8	2	0	0	0	0	0	0	0	0	0	-	1
3	4	2	2	0	0	2	1	1	1	0	3	-	5	2	1	1	0	0	0	0	0	0	0	-	1
4	1	1	1	2	2	2	2	3	1	2	2	-	2	0	0	0	0	0	0	0	1	2	2	-	1
5	4	5	3	3	2	2	2	2	1	2	1	-	2	2	2	2	2	2	2	2	3	2	1	-	2
6	1	1	1	1	0	0	0	0	0	0	0	-	1	1	2	2	2	2	2	2	0	0	0	-	1
7	0	0	0	0	0	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	2	2	-	0
8	5	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1
9	0	0	0	1	1	1	2	0	0	0	0	-	-	2	2	2	1	1	-	0	1	2	0	0	1
10	0	1	1	2	1	1	-	2	2	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	2	0
12	1	2	2	2	0	1	-	0	0	1	2	1	1	0	0	0	0	0	-	1	1	0	0	0	1
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	2	2	0
15	1	2	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	2	2	4	0	0	1
16	0	0	2	2	2	2	-	2	2	2	0	0	0	0	0	-	0	0	-	0	0	0	0	0	1
17	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	2	0	0
19	0	0	0	0	0	0	-	0	1	1	2	1	0	0	0	0	0	0	-	1	1	2	0	0	0
20	0	1	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	2	2	1	0
21	0	1	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	2	2	1	0
22	1	1	0	1	2	0	-	0	0	0	-	0	0	0	0	0	0	0	-	1	1	2	1	2	1
23	2	2	2	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	2	0
24	5	5	5	5	5	3	-	1	0	0	0	0	1	1	1	2	3	2	-	1	2	2	2	1	2
25	0	0	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	2	2	-	0	0	0	0	0	0
27	0	0	0	1	0	1	-	0	0	2	2	0	0	-	1	1	0	0	-	2	4	3	1	0	1
28	0	1	1	0	0	0	-	0	0	0	0	0	0	1	1	0	0	0	-	0	0	0	0	0	0
29	0	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	2	2	0
30	2	0	0	0	0	0	-	0	0	0	1	0	1	2	2	1	0	0	-	0	1	1	1	0	1
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 88.3 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 8.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	0	0	-	-	-	2	2	2	4	2	1	-	2	1	1	0	0	1
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	0	0	0
4	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
5	0	0	0	1	0	0	-	0	1	0	0	0	0	0	0	0	0	0	-	2	1	1	1	1	0
6	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
7	0	2	0	0	0	0	-	1	1	1	0	0	0	0	0	1	1	1	-	0	0	1	1	1	1
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	2	5	0
9	3	3	2	2	2	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	-	0
11	1	1	1	2	1	1	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	******
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	1	******
29	2	2	1	1	1	1	-	1	1	2	2	2	1	1	2	1	0	0	-	0	0	0	0	0	1
30	1	0	0	0	0	0	-	1	1	1	1	1	1	1	0	0	0	2	-	4	2	1	3	1	1
MEAN	1	1	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0	0	****	1	0	1	1	1	0.4

PERCENTAGE OF DATA VALID - 38.2 PERCENTAGE OF DATA INVALID - 27.8 PERCENTAGE OF DATA UNAVAILABLE - 34.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	2	-	0	0	0	0	0	1	1	1	1	1	1	-	1	0	0	9	4	1
2	0	0	0	1	1	1	-	0	0	0	0	1	2	2	1	1	0	0	-	0	1	0	0	0	1
3	0	1	1	1	1	0	-	0	0	1	1	0	-	-	-	****	****	****	****	****	****	****	****	****	******
4	****	****	****	****	****	****	****	****	****	0	1	2	0	0	0	0	0	0	-	1	2	2	1	1	******
5	2	0	0	0	0	0	-	1	1	0	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	4	-	4	2	0	0	0	0
7	0	1	1	1	1	2	-	1	2	2	2	1	1	1	2	2	0	0	-	0	0	0	2	2	1
8	2	0	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	0	0	1	0
9	1	1	0	0	0	0	-	2	2	1	0	1	0	0	0	0	0	0	-	0	0	0	1	1	0
10	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	0
11	1	1	2	1	1	2	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12	****	****	****	****	****	****	-	0	0	0	1	2	2	2	1	1	1	1	-	0	2	0	2	1	1
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	1	0	0
14	1	0	0	0	0	0	-	****	****	****	****	****	****	****	****	****	****	****	-	0	0	1	1	2	******
15	3	2	1	2	1	1	-	1	1	1	2	-	1	1	0	0	0	0	-	0	0	1	1	0	1
16	0	0	0	1	1	2	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
17	2	3	2	1	2	0	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	-	1	1	0	0	1	1	2	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	1	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26	****	****	****	****	****	****	-	0	0	0	0	2	1	1	0	0	0	0	-	0	0	0	0	0	0
27	1	1	0	0	1	1	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	******
29	0	0	0	0	0	0	-	0	0	0	-	0	****	****	****	****	****	****	****	****	****	****	****	****	******
30												- DATA INVALID -													
31	****	****	****	****	****	****	-	0	0	0	0	0	0	0	1	1	0	0	-	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	****	0	0	0	0	1	1	1	0	0	0	0	****	0	1	0	1	1	0.5

PERCENTAGE OF DATA VALID - 52.4 PERCENTAGE OF DATA INVALID - 41.0 PERCENTAGE OF DATA UNAVAILABLE - 6.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	0.3	1	14
FEB	28	1.0	3	5
MAR	29	0.3	2	6
APR	27	0.2	1	6
MAY	30	0.6	2	8
JUN	12	0.4	1	5
JUL	15	0.5	1	3
YEAR	169	0.5	3	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	622	1	0	0	0	0	0	0	623
FEB	645	0	0	0	0	0	0	0	645
MAR	685	0	0	0	0	0	0	0	685
APR	601	0	0	0	0	0	0	0	601
MAY	657	0	0	0	0	0	0	0	657
JUN	275	0	0	0	0	0	0	0	275
JUL	390	0	0	0	0	0	0	0	390
YEAR	3875	1	0	0	0	0	0	0	3876

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
75.8	0	0.0	0.0	0.0	0.0	1.4	1.8	2.5	3.0	14	0.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	1	2	2	1	1	1	1	1	1	0	0	-	0	0	1	1	0	1
3	0	0	0	0	0	0	-	1	1	1	1	1	1	1	0	1	1	0	-	0	0	0	0	2	1
4	3	2	3	3	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	-	0	0	0	0	0	0
6	0	0	0	1	1	2	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	2	1	0	0
7	0	0	0	0	0	0	-	1	1	1	1	1	****	****	****	0	0	0	-	0	0	0	1	1	0
8	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	1	1	-	1	1	0	0	0	0
9	0	0	0	0	0	0	-	2	2	2	1	1	1	0	0	1	1	0	-	3	0	1	1	1	1
10	1	2	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	1	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	0	1	1	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	1	0	1	1	1	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	0	-	1	1	0	1	1	1	1	0	0	0	0	-	1	1	0	0	0	0
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
17	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	2	2	1	0	0	0
18	1	1	1	0	0	0	-	1	0	0	1	0	0	0	1	1	1	0	-	0	1	1	0	1	1
19	1	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	0	0	-	1	1	1	1	1	0
20	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	4	0
21	4	2	1	1	1	0	-	1	1	1	0	0	0	0	0	0	****	****	-	****	****	****	****	****	******
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	1	0	1	0	1	0.3

PERCENTAGE OF DATA VALID - 60.8 PERCENTAGE OF DATA INVALID - 11.3 PERCENTAGE OF DATA UNAVAILABLE - 28.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	0	0	-	0	0	0	0	******
2	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	0
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	1	2	2	1	******
6	1	1	1	0	0	1	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
7	0	0	0	1	2	2	2	-	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0
8	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
9	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
10	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	1	1	-	0	0	0	0	0
11	0	0	1	0	0	0	0	-	1	1	2	1	1	1	1	1	0	0	1	-	0	0	0	0	1
12	0	0	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	-	2	1	2	1	0
13	1	1	0	1	3	3	1	-	1	1	1	1	1	1	1	1	1	1	0	-	0	0	0	1	1
14	0	0	1	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	1	1	0
15	0	0	0	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	-	1	0	1	1	1	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	1	0
17	1	1	1	1	0	0	-	0	0	0	0	0	0	0	0	1	1	1	-	1	1	1	1	1	1
18	1	1	0	1	0	0	-	1	1	0	0	0	0	0	0	1	1	1	-	0	0	0	0	0	0
19	0	0	0	0	1	1	-	1	1	1	0	0	0	0	0	0	0	0	-	1	2	1	1	0	0
20	0	0	0	0	0	0	-	0	0	1	0	0	1	1	1	1	0	0	-	0	2	1	0	0	0
21	0	0	0	0	0	0	-	1	3	2	1	1	1	1	0	0	0	0	-	1	1	0	1	1	1
22	1	1	1	1	0	1	-	0	0	0	0	1	0	0	0	1	1	1	-	1	0	0	0	0	0
23	0	0	0	0	0	0	-	0	1	1	1	5	2	1	0	0	0	0	-	0	0	0	0	1	1
24	1	1	0	0	0	0	-	1	1	1	0	1	0	0	0	0	0	0	-	0	1	1	1	1	0
25	1	1	2	1	1	1	-	1	0	0	0	0	0	1	1	0	0	0	-	1	0	1	0	0	1
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	2	-	1	1	0	0	0	0
27	0	0	0	1	1	1	-	1	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	1	1	0	0	0	-	1	1	2	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	0
MEAN	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.4

PERCENTAGE OF DATA VALID - 80.9 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 17.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	1	0
3	1	1	0	1	0	1	-	1	1	1	0	0	0	0	0	-	-	-	-	-	-	-	-	-	******
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	-	0	0	0	******
7	0	0	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	0
8	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
9	0	0	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0
10	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
11	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	0
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	0	0	0	******
14	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
15	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
16	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
17	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
18	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0
19	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
20	0	0	0	0	0	0	0	1	-	1	1	0	0	0	1	-	0	0	0	0	-	0	0	0	0
21	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
22	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
23	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
24	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
25	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
26	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
27	0	0	0	0	0	0	4	2	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
28	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	-	0	-	0	0	0	0
29	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
30	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
31	0	0	0	0	0	0	0	0	-	0	0	0	-	1	0	0	0	0	0	0	-	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 76.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 23.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	-	1	1	1	1	1	1	0	0	0	0	0	-	2	2	0	0
2	1	0	1	1	0	1	2	0	-	0	-	-	-	0	0	0	0	0	0	0	-	1	5	0	1
3	0	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	3	3	0	2	1	1	-	2	2	1	1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	******
8	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	0	0
9	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
10	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
11	-	0	0	0	0	0	0	0	0	0	0	-	-	0	-	0	1	1	0	-	1	1	1	1	0
12	1	1	1	0	0	2	1	-	0	1	1	1	3	2	1	0	0	0	0	-	0	0	0	0	0
13	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
14	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	2	0
15	1	2	0	0	0	0	0	-	0	1	0	-	0	0	0	0	0	0	0	-	0	0	0	0	0
16	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
17	0	0	0	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
18	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
19	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
20	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
21	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
22	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
23	0	0	0	0	0	0	0	-	0	0	0	3	2	0	0	0	0	0	0	-	0	0	0	0	0
24	0	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0
25	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	2	1	1	1	0
26	1	1	1	1	2	4	2	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1
27	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0
28	0	0	0	0	0	0	0	-	1	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0
29	0	0	0	0	0	0	0	-	0	0	1	1	0	1	0	0	0	0	0	-	0	0	0	0	0
30	0	0	0	0	1	2	2	-	1	2	3	2	1	0	0	0	0	0	0	-	2	0	0	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 86.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 13.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	-	2	2	0	0	0	0	0	0	0	0	0	-	2	0	0	0	0
2	0	0	0	0	0	0	0	-	1	1	0	-	0	0	0	1	1	0	0	-	0	0	0	0	0
3	2	2	0	0	0	0	0	-	2	4	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
4	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
5	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
6	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
7	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
8	0	0	0	0	0	0	0	-	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	-	0
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	0	0	0	0	0	******
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	2	2	2	1	******
22	1	1	3	0	-	0	0	0	0	0	1	1	0	0	0	0	-	1	3	2	2	6	4	3	1
23	0	1	0	2	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.2

PERCENTAGE OF DATA VALID - 42.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 57.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	-	0	0	1	-	1	0	1	1	******
19	0	0	0	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
20	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
21	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	-	1	1	1	0	0
22	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	0	0	0	1	-	1	1	0	1	0
23	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	0
24	0	0	0	1	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
25	1	1	1	0	0	1	1	-	1	1	1	1	0	0	-	0	0	0	0	-	0	0	0	0	0
26	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
27	0	0	0	0	0	1	1	-	0	0	0	0	0	0	1	1	1	0	0	-	0	0	0	0	0
28	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
29	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
30	0	0	0	0	0	0	0	-	0	0	0	0	-	-	0	0	0	0	0	-	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 37.2 PERCENTAGE OF DATA INVALID - 35.6 PERCENTAGE OF DATA UNAVAILABLE - 27.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	-	0	0	0	0	0	0	-	1	1	0	0	-	0	0	0	0	0
2	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0
3	1	1	1	0	0	0	0	-	0	0	0	1	1	0	0	0	1	1	1	-	-	-	-	-	0
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	-	0	1	1	0	0	******
8	0	0	1	1	1	0	-	1	0	1	0	1	-	-	0	0	0	0	-	1	1	0	1	1	1
9	1	1	1	1	0	1	-	1	0	0	0	0	0	1	1	0	0	0	-	0	0	0	0	0	0
10	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	0	0	0
11	0	0	0	0	0	0	-	2	1	1	1	1	2	1	1	1	1	0	-	0	0	0	0	0	1
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	0	-	0	0	0	0	0	0	1	-	0	0	0	-	0	0	1	0	0	0
15	0	0	0	0	0	0	-	1	1	1	0	0	0	0	0	0	0	0	-	1	1	1	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	1	1	1	1	1	1	-	1	0	0	0	0	0
17	1	1	1	1	1	1	-	1	1	3	3	3	1	-	2	3	1	1	-	1	1	0	0	0	1
18	1	1	0	1	1	0	-	1	1	1	1	1	1	1	1	1	1	1	-	0	1	0	0	0	1
19	1	1	1	1	0	0	-	1	0	1	1	0	0	0	0	0	0	0	-	0	1	1	1	1	1
20	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	0
21	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0	1	-	1	0	0	0	0	******
22	0	0	0	0	0	1	-	0	1	1	0	0	0	0	0	0	0	0	-	1	1	1	1	1	0
23	1	1	1	2	2	2	-	2	1	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	0	0	******
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	0	0	0
30	0	0	0	0	0	0	-	0	0	0	1	1	1	0	0	****	****	****	****	2	1	1	1	1	0
31	0	0	0	0	0	1	-	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.4

PERCENTAGE OF DATA VALID - 65.5 PERCENTAGE OF DATA INVALID - 14.1 PERCENTAGE OF DATA UNAVAILABLE - 20.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	-	1	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
2	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	1	1	1	1	1	0
3	1	1	0	0	0	0	-	0	0	0	1	1	1	1	0	0	0	1	-	1	1	1	1	1	1
4	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	-	0	0	-	0	0	0	0	0	1
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	9	5	1
6	4	6	5	1	1	0	-	0	0	0	1	1	0	0	0	0	2	2	-	0	0	0	0	0	1
7	0	0	1	0	0	1	-	0	0	0	0	1	1	1	1	1	1	1	-	0	0	0	0	0	0
8	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	2	1	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	1	1	0	0	0	-	0	0	0	2	1	1	0	1	3	0	3	-	2	4	1	2	3	1
14	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0	0	0	1	-	0	0	0	0	0	0
15	0	0	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	1	1	1	-	0	0	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
17	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	1	1	0	0	0	-	0	0	0	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
20	0	0	0	4	0	0	-	1	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	1	1	0	0	1	1	1	0	0	-	0	0	0	0	0	0
23	0	0	0	0	0	0	-	0	0	0	1	0	0	1	1	1	1	1	-	1	1	1	1	1	1
24	1	1	1	0	0	0	-	0	0	0	0	1	1	1	-	-	1	1	0	-	0	0	0	0	0
25	0	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	-	0	0	1	0	0	0	-	-	-	-	-	-	0
27	-	-	-	-	-	-	-	-	-	-	-	1	1	0	0	0	0	0	-	0	0	0	0	0	******
28	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	1	1	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	1	1	1	-	1	0	0	0	0	0
2	0	1	1	1	1	0	-	0	0	0	0	0	0	0	1	1	-	0	-	0	0	0	0	0	0
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
4	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
5	1	1	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	1	1	1	1	1	1	-	2	2	2	2	2	2	1	1	1	1	1	-	1	1	1	1	1	1
7	1	1	1	1	1	1	-	1	1	1	1	1	2	2	2	2	1	1	-	2	2	2	1	1	1
8	1	1	1	1	0	0	-	1	1	1	1	2	1	1	2	2	0	0	-	1	0	0	0	0	1
9	0	0	0	0	0	0	-	0	0	0	0	0	1	1	1	-	-	-	-	-	-	-	-	-	******
10												- DATA UNAVAILABLE -														
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	0	0	0	0	3	******
16	3	1	1	0	0	1	-	1	3	3	3	1	0	0	0	1	1	0	-	0	0	0	0	0	1
17	0	0	0	0	0	0	-	0	0	0	1	1	1	1	0	-	1	0	-	0	0	0	0	0	0
18	-	-	-	-	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	0	0	0
20	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	1	0
22	0	0	0	0	0	0	-	0	1	1	3	3	1	1	1	1	1	1	-	1	1	3	3	3	1
23	3	3	3	3	1	3	-	1	1	1	1	-	0	0	0	0	0	0	-	1	1	1	1	0	1
24	1	1	1	1	1	1	-	1	1	1	0	0	0	0	0	1	1	1	-	0	0	1	1	1	1
25	0	0	1	1	1	3	-	4	3	3	4	3	0	0	0	0	0	0	-	0	0	0	0	0	1
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	1	4	5	3	1	1	1	1	-	1	1	3	3	3	1
28	3	3	3	3	1	3	-	3	3	1	0	0	0	0	1	3	1	3	-	1	1	1	1	1	2
29	1	1	1	1	0	0	-	0	0	0	1	1	0	0	0	0	-	3	-	1	1	0	1	1	1
30	0	0	0	0	0	0	-	1	1	1	1	1	1	1	0	0	0	1	-	3	4	4	3	3	1
31	1	3	4	3	1	1	-	1	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	1
MEAN	1	1	1	1	0	1	****	1	1	1	1	1	1	0	0	1	0	1	****	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 73.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 26.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	0.3	1	4
FEB	25	0.4	1	5
MAR	25	0.0	0	4
APR	28	0.2	1	5
MAY	13	0.2	1	6
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP	12	0.1	0	1
OCT	21	0.4	1	3
NOV	29	0.3	1	9
DEC	24	0.6	2	5
YEAR	197	0.3	2	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	452	0	0	0	0	0	0	0	452
FEB	563	0	0	0	0	0	0	0	563
MAR	571	0	0	0	0	0	0	0	571
APR	620	0	0	0	0	0	0	0	620
MAY	319	0	0	0	0	0	0	0	319
JUN		DATA UNAVAILABLE							
JUL		DATA UNAVAILABLE							
AUG		DATA UNAVAILABLE							
SEP	268	0	0	0	0	0	0	0	268
OCT	487	0	0	0	0	0	0	0	487
NOV	638	0	0	0	0	0	0	0	638
DEC	544	0	0	0	0	0	0	0	544
YEAR	4462	0	0	0	0	0	0	0	4462

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
67.9	0	0.0	0.0	0.0	0.0	0.7	0.9	1.9	2.6	9	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	****	****	****	****	****	0
3												- DATA INVALID -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA INVALID -													
12	****	****	****	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	3	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	0	-	0	0	1	0	0	0	****	0	0	0	0	-	0	1	1	0	0	0
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	1	1	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	1	1	0	-	1	1	1	1	1	0
17	1	1	1	0	0	0	-	0	1	1	0	0	0	0	0	1	1	0	-	0	0	0	0	0	0
18	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
20	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
23	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
24	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	****	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 63.7 PERCENTAGE OF DATA INVALID - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 31.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	-	-	-	-	-	-	1	1	1	1	-	0	0	0	0	0	******
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	******
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	0	0	0	0	0	******
7	0	0	1	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	0	0	0	0	0	1
8	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	2	1	0	0	0	0	1	0	0	1
9	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	2	1	2	1	1	1	1	1
10	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
11	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	0	0	0	0	1	2	0	1	1	1	1	2	1	0	1	1	1	1	1	2	1
14	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1
15	1	1	1	2	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	2	1
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	-	-	-	-	-	-	-	-	-	-	1	1	0	0	0	0	0	0	0	0	0	0	0	0	******
19	1	1	2	3	2	2	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1
20	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	1	2	2	1	1	1	1	1	2	******
21	2	2	2	2	2	2	2	2	2	1	2	2	3	2	2	2	2	-	1	1	1	1	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	2	-	-	-	-	-	-	-	-	-	-	-	-	******
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
MEAN	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0.6

PERCENTAGE OF DATA VALID - 65.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 34.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	-	0	0	0	0	0	******
4	0	0	0	0	1	1	-	0	0	0	0	0	0	2	3	2	3	2	-	0	0	0	0	0	1
5	1	0	0	1	1	0	-	0	0	0	1	1	1	1	1	1	1	1	-	0	0	1	2	3	1
6	3	2	2	1	1	1	-	0	0	6	2	4	2	3	4	4	2	2	-	0	0	0	1	1	2
7	2	2	2	1	2	1	-	0	0	0	0	0	1	2	3	4	1	3	-	0	0	1	1	1	1
8	1	1	1	1	1	2	-	0	0	0	3	5	****	2	1	1	1	1	-	0	0	0	1	1	1
9	1	1	1	1	1	1	-	0	0	1	1	1	2	3	3	1	1	1	-	0	0	0	1	1	1
10	0	0	1	1	1	1	-	0	0	0	0	1	1	1	1	1	1	0	-	0	0	0	0	0	0
11	0	1	1	1	1	1	-	0	0	0	0	0	0	-	0	0	0	1	-	0	0	0	1	1	0
12	1	1	1	1	1	2	-	0	0	0	0	0	0	0	0	0	1	1	-	0	0	0	0	0	0
13	0	0	0	0	1	1	-	0	0	0	0	0	0	1	1	1	1	1	-	0	0	1	1	1	0
14	1	1	1	1	1	1	-	0	0	0	-	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	1	0
17	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	0	0
18	0	0	0	0	0	0	-	0	1	1	1	1	1	0	0	1	3	2	-	0	0	0	0	0	1
19	0	0	0	0	0	1	-	0	1	1	1	1	1	1	1	1	1	0	-	1	1	0	0	0	1
20	0	0	0	0	0	0	-	0	0	1	1	0	0	0	0	0	1	1	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	1	1	1	1	0	0	-	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	1	0	-	0	1	1	0	0	0
23	0	0	0	0	0	0	-	0	1	1	1	1	1	0	0	0	0	0	-	0	0	1	1	1	0
24	0	0	0	0	0	0	-	1	2	2	1	0	0	0	1	1	0	1	-	0	0	0	0	0	0
25	0	0	0	1	0	0	-	1	1	1	1	1	0	0	0	0	0	1	-	1	1	1	1	1	1
26	1	1	1	1	1	1	-	1	2	1	1	1	1	1	1	1	0	0	-	0	0	0	0	0	1
27	0	0	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	1	-	0	0	3	1	0	0	1	1	1	1	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	1	1	1	1	1	1	-	1	1	2	4	2	1	1	0	0	0	0	-	0	0	0	0	0	1
MEAN	0	0	0	0	1	1	****	0	0	1	1	1	0	1	1	1	1	1	****	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 83.1 PERCENTAGE OF DATA INVALID - 8.8 PERCENTAGE OF DATA UNAVAILABLE - 8.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	-	1	3	4	0	0	-	-	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
4	0	0	0	1	0	0	-	1	0	1	0	1	0	0	0	0	1	0	-	0	0	0	0	0	0
5	0	0	0	0	0	0	-	1	1	1	0	0	2	1	1	1	0	0	-	0	0	0	0	0	0
6	0	0	1	1	0	0	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	0	0	1	0
7	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
8	0	0	0	0	0	0	-	0	0	-	-	-	0	0	-	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	2	3	1	0	0	0	0	-	1	1	1	1	1	1
13	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	1	1	1	1	1	-	0	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	-	0	0	0	-	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	0	0	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 41.8 PERCENTAGE OF DATA INVALID - 53.4 PERCENTAGE OF DATA UNAVAILABLE - 4.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3	-	-	-	-	-	-	-	-	-	2	2	0	0	0	0	0	0	0	-	1	2	3	2	2	******
4	1	1	0	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	1	2	1	2	2	1
5	0	0	0	0	0	0	-	1	0	0	2	4	2	1	1	1	0	1	-	0	1	1	1	1	1
6	1	1	1	1	1	1	-	2	2	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1
7	0	0	1	1	1	1	-	1	2	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	2	0	0	0	0	0	-	0	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	1	2	1	1	-	2	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
20	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	0	1	0
23	2	0	0	0	0	0	-	0	0	0	0	0	0	0	-	-	0	0	-	0	0	0	0	0	0
24	0	0	0	1	0	0	-	1	1	1	0	0	1	1	0	1	1	0	-	0	0	0	1	0	0
25	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	1	0	1	1	2	1	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	1	0	1	1	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 69.2 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 25.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	0	2	-	1	1	1	1	1	0
3	0	0	0	1	1	1	-	0	1	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
4	0	0	0	1	1	1	-	1	1	1	1	1	0	-	-	0	0	0	-	0	0	0	1	1	1
5	0	0	0	1	0	0	-	2	2	1	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0
7	0	1	1	1	1	0	-	1	0	1	1	0	0	0	0	0	0	0	-	1	1	1	1	1	1
8	1	1	1	2	1	1	-	1	1	1	0	0	0	0	0	0	0	0	-	1	1	0	0	1	1
9	1	1	1	1	1	2	-	1	1	1	1	1	0	0	0	1	1	1	-	1	2	1	2	1	1
10	1	1	1	2	2	2	-	2	2	1	1	5	6	3	0	0	0	0	-	0	0	0	0	0	1
11	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	1	1	1	-	1	1	1	1	1	******
16	0	0	0	1	1	0	-	0	0	0	0	0	1	1	-	-	-	-	-	-	-	-	-	-	******
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	0	0	0	0	0	******
18	0	0	0	0	0	0	-	0	1	1	0	0	0	0	0	1	0	0	-	0	0	0	0	1	0
19	1	0	0	0	0	0	-	0	0	1	2	0	0	0	0	0	0	0	-	1	0	0	0	0	0
20	0	0	1	1	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	1	1	1	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	0	0	0	0
22	0	0	0	0	0	0	-	1	1	1	-	0	0	0	0	0	0	0	-	0	0	0	0	0	0
23	0	0	0	0	0	0	-	0	0	-	-	0	0	0	0	0	0	0	-	0	0	0	0	1	0
24	1	1	1	1	1	2	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
31	0	0	0	0	0	1	-	1	0	0	1	0	1	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 24.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	34	2
3	10	6	5	3	3	3	-	2	2	2	2	1	1	1	1	1	1	1	-	1	1	2	1	1	2
4	1	1	1	1	1	2	-	1	1	0	0	0	0	0	0	0	1	1	-	3	3	2	2	2	1
5	2	2	2	2	1	1	-	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6	- DATA INVALID -																								
7	****	****	****	****	****	****	****	****	****	****	-	-	0	0	0	0	0	0	-	0	0	0	0	0	******
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	2	0
10	4	3	3	2	2	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	0	2	2	1	1	-	1	1	2	0	0	0	0	0	0	0	0	-	0	0	0	0	2	1
14	1	1	1	3	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	1	2	-	0	0	-	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0
17	0	1	0	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	1	0	1	1	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20	- DATA INVALID -																								
21	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	-	0	0	0	0	0	******
22	0	0	0	1	1	0	-	1	1	0	1	-	3	2	0	0	0	0	-	0	0	0	0	0	0
23	0	0	0	0	0	0	-	1	1	1	1	1	0	0	0	0	0	1	-	0	0	0	0	0	0
24	0	0	2	3	0	0	-	0	4	3	1	0	0	0	0	0	0	1	-	0	0	0	1	1	1
25	1	1	0	0	0	0	-	0	0	0	0	1	1	2	1	1	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	-	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	2	2	2	1	0	0	0	-	0	0	0	-	1	1	1	1	1	1
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	-	-	0	0	-	0	0	0	0	0
31	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
MEAN	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.4

PERCENTAGE OF DATA VALID - 78.2 PERCENTAGE OF DATA INVALID - 13.2 PERCENTAGE OF DATA UNAVAILABLE - 8.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
2	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	0
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	-	0	0	0	1	3	******
4	2	2	0	1	1	0	-	1	0	1	0	4	2	1	2	0	0	0	-	0	0	0	0	0	1
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
7	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
8	0	0	0	0	0	1	-	1	1	1	0	0	1	1	0	1	0	0	-	0	0	0	0	0	0
9	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	1	1	2	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	2	0	0	0	0
14	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	0	0	0
15	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	1	1	1	1	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	0	0	0
17	0	0	0	0	0	1	-	1	1	0	0	0	0	0	0	0	0	0	-	2	2	1	1	1	0
18	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	1	1	-	0	0	1	1	1	0
19	0	0	0	0	0	0	-	0	0	0	0	0	0	-	-	0	1	0	-	0	0	0	0	0	0
20	0	1	1	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	1	0	0	-	0	0	1	0	0	0
23	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
24	0	0	0	0	0	0	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	0	0	0	-	1	2	2	1	1	1	0	1	1	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	-	-	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	2	2	1	0	0	0	0	0	1	0	0	-	0	0	0	0	0	0
30	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 88.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - OCT 80

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	1	-	1	1	1	-	-	-	-	1	1	1	1	3	-	1	1	1	1	1
2	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	2	2	2	2	0
3	2	2	3	3	3	2	1	-	2	2	2	2	1	0	0	0	0	0	0	-	0	0	0	0	1
4	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
5	1	1	1	1	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
6	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
7	0	0	0	0	0	0	0	-	0	0	-	-	1	0	0	0	0	0	1	-	0	1	1	1	0
8	1	1	1	0	0	0	0	-	0	0	0	0	0	1	1	0	0	0	0	-	0	0	1	0	0
9	0	0	0	0	0	0	0	-	****	****	****	****	****	****	****	****	0	4	11	-	1	1	1	1	******
10	1	1	1	1	1	1	1	-	1	1	1	0	0	0	0	0	0	0	0	-	1	1	1	1	1
11	1	0	1	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	0	0
12	0	0	0	0	0	0	0	-	0	0	0	0	1	1	0	0	1	0	0	-	0	0	*	1	0
13	1	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	0	0	0
14	1	0	0	0	0	0	0	-	1	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0
15	0	0	0	0	0	0	0	-	1	1	0	0	0	0	0	1	1	0	0	-	0	0	0	0	0
16	1	1	1	1	1	1	1	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0
17	0	1	2	2	2	2	2	-	0	0	1	0	-	0	0	0	1	2	2	-	0	0	0	0	1
18	0	0	0	0	0	1	1	-	0	0	0	0	1	1	1	1	0	0	0	-	0	0	0	0	0
19	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
20	1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	******
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	- DATA INVALID -																								
27	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	-	0	0	0	0	******
28	0	0	0	0	0	0	1	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	0	1	0
29	1	1	1	1	1	1	0	-	0	0	0	0	0	1	1	1	1	1	0	-	0	0	0	0	1
30	0	0	0	0	0	0	0	-	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	******
31	0	1	1	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
MEAN	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 68.1 PERCENTAGE OF DATA INVALID - 15.3 PERCENTAGE OF DATA UNAVAILABLE - 16.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - NOV 80

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	1	1	0	0	-	0	0	0	0	0
2	1	1	1	1	1	0	0	-	0	0	0	0	0	0	0	1	1	0	0	-	1	0	0	0	0
3	1	1	2	2	2	1	0	-	2	2	1	1	1	1	1	2	1	0	0	-	0	0	0	0	1
4	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
5	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0
6	1	1	1	1	1	1	1	-	1	1	1	2	2	2	2	1	1	1	-	0	0	1	2	2	1
7	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
8	2	2	1	1	1	1	-	1	1	1	1	3	3	1	2	2	2	1	-	1	1	1	1	1	1
9	0	1	1	1	0	0	-	1	1	1	1	1	1	1	1	1	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	1	1	1	1	-	1	1	1	1	0	0	0	1	1	1	1	-	1	1	0	0	*	*
12	0	0	0	0	0	0	-	1	1	1	1	0	0	0	0	1	1	1	-	0	0	1	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	1	1	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	2	2	1	1	0	0	0	1	0	-	0	0	0	0	0	0
17	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0	-	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	0	0	-	0	0	0	0	0	1
20	1	2	1	1	1	1	-	0	0	0	0	1	1	1	1	1	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	0	0	-	0	1	1	0	0	0
23	0	0	0	1	1	1	-	1	1	1	1	1	1	0	1	1	0	0	-	1	1	1	1	0	1
24	1	1	1	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	1	1	-	0	1	1	1	1	1
27	0	0	0	1	1	1	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	1	1	1	1	1	1	-	0	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	1	0
29	0	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	1	1	0	0	0	0	0	0	2	2	-	0	0	1	1	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 91.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 8.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	-	0	-	0	0	0	0	0	0
2	0	1	1	1	1	1	-	1	1	0	0	0	0	0	0	0	0	0	-	****	****	****	****	****	0
3	****	****	****	****	****	****	-	1	1	1	1	1	1	1	0	0	0	0	-	0	0	0	0	0	0
4	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	2	2	2	-	0	0	0	0	0	0
5	0	0	0	0	0	0	-	0	0	0	1	1	1	1	1	1	1	0	-	0	0	0	0	0	0
6	0	0	0	0	1	1	-	0	0	0	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
7	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	-	1	1	0	0	0	1
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	******
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	******
19	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	-	0	-	0	1	1	1	1	0
20	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	1	0
23	2	2	2	2	2	1	-	0	0	0	-	-	-	-	-	-	-	-	-	1	1	2	2	2	******
24	2	2	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	0	1
25	0	0	0	2	2	3	-	3	2	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	1	1	1	2	0	0	-	0	1	0	0	3	3	1	1	0	0	0	-	1	1	1	2	2	1
28	2	2	2	2	2	2	-	2	2	1	0	0	0	0	0	1	1	1	-	1	0	0	0	0	1
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	-	1	1	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	1	1	1	1	1	1	1	1	0	0	-	1	2	3	3	3	1
31	3	4	3	3	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1
MEAN	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	0	0.4

PERCENTAGE OF DATA VALID - 61.2 PERCENTAGE OF DATA INVALID - 9.0 PERCENTAGE OF DATA UNAVAILABLE - 29.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	0.1	0	3
FEB	16	0.6	2	3
MAR		DATA UNAVAILABLE		
APR	27	0.5	2	6
MAY	14	0.2	1	4
JUN	22	0.2	1	4
JUL	24	0.3	1	5
AUG	25	0.4	2	34
SEP	29	0.2	1	4
OCT	21	0.4	1	11
NOV	30	0.4	1	3
DEC	20	0.4	1	4
YEAR	250	0.3	2	34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	474	0	0	0	0	0	0	0	474
FEB	455	0	0	0	0	0	0	0	455
MAR	DATA UNAVAILABLE								
APR	598	0	0	0	0	0	0	0	598
MAY	311	0	0	0	0	0	0	0	311
JUN	498	0	0	0	0	0	0	0	498
JUL	560	0	0	0	0	0	0	0	560
AUG	581	0	0	1	0	0	0	0	582
SEP	636	0	0	0	0	0	0	0	636
OCT	506	1	0	0	0	0	0	0	507
NOV	657	0	0	0	0	0	0	0	657
DEC	455	0	0	0	0	0	0	0	455
YEAR	5731	1	0	1	0	0	0	0	5733

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
71.3	0	0.0	0.0	0.0	0.0	0.7	1.0	1.8	2.3	34	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	1	0	1	1	1	4	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	****	-	****	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	****	****	****	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	3	0	****	****	****	1	2	3	1	0	0	0	1	0	1	0	1	1
8	1	1	1	0	0	0	0	0	0	1	0	0	0	2	2	1	0	0	1	1	2	2	1	2	1
9	2	1	0	0	0	1	1	0	1	0	0	1	1	1	0	1	0	2	3	0	0	2	3	2	1
10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	****	0	0	0	1	1	2	0	0	0
12	1	1	1	1	0	0	0	0	0	0	1	2	1	0	0	0	0	2	3	1	2	3	5	0	1
13	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	2	2	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	4	5	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0
21	2	1	1	0	0	1	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	2	1	2	1	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	1	0	1
23	0	0	0	0	0	0	15	18	****	****	****	1	1	1	3	2	2	1	1	1	1	1	4	5	3
24	3	2	4	4	3	3	4	5	6	1	1	2	1	1	1	2	2	2	1	2	2	2	0	1	2
25	1	1	1	2	2	2	4	2	2	2	2	2	1	1	1	1	2	2	3	2	1	2	2	4	2
26	3	4	5	6	7	5	6	3	3	2	3	1	2	3	2	3	3	4	5	20	12	11	12	9	6
27	4	3	3	1	1	1	2	3	3	5	2	1	0	0	1	2	2	2	3	2	2	2	3	4	2
28	2	2	3	6	5	6	7	7	2	1	1	2	2	1	****	1	2	3	4	3	3	5	3	2	3
29	3	3	9	3	3	4	5	2	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. '-' INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0
3	0	7	9	2	5	0	3	7	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	1	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1
11	0	0	1	1	0	0	0	2	2	3	1	1	1	1	1	1	1	1	1	2	2	3	4	5	1
12	3	3	3	3	2	2	3	3	0	0	****	2	1	2	3	1	1	1	1	1	1	1	2	2	2
13	3	2	2	3	4	5	5	5	3	3	3	2	1	2	3	4	5	3	4	3	2	3	4	4	3
14	1	3	2	2	1	2	2	3	3	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	1	1	1	0	1	****	****	0	0	0	1	1	2	2	2	2	1
16	1	1	1	2	1	3	3	3	4	4	4	5	1	1	2	2	3	3	3	4	2	2	2	2	3
17	2	4	5	11	4	3	12	11	8	8	7	5	3	3	2	3	4	4	5	6	7	6	7	7	6
18	4	4	3	4	5	5	5	6	8	8	7	7	4	****	2	2	2	4	4	6	8	11	21	16	6
19	14	4	4	4	5	5	5	4	5	4	4	4	2	2	1	2	2	1	1	1	1	1	1	1	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	4	8	1	1	1
23	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	0	0	0	0	1	1	1	2	2	1
24	2	2	2	3	2	2	3	2	3	5	3	4	2	3	5	4	5	2	2	3	3	4	4	3	3
25	1	2	1	1	1	1	2	2	2	2	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	1	2	2	2	2	1	2	2	2	2	4	4	5	4	5	5	3	2
27	3	2	2	4	3	3	3	3	3	4	3	3	6	2	0	0	0	1	1	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MEAN	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1.3

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	8	5	1
3	5	2	3	2	2	2	3	3	2	2	2	2	2	2	3	3	2	4	2	3	4	4	4	4	3
4	3	4	4	4	4	3	3	4	3	2	3	1	1	1	****	1	1	1	3	2	1	1	2	3	2
5	3	2	1	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	7	4	4	1
6	8	2	1	3	8	7	4	3	4	3	1	2	2	2	2	2	2	2	2	1	2	2	0	0	3
7	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	1	1	2	1	1	1	2	2	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	0	0	1
9	10	9	8	4	13	10	6	7	5	1	1	2	2	2	2	1	3	2	2	2	4	2	2	2	4
10	2	1	0	2	2	3	2	2	2	0	1	4	0	2	1	2	2	3	1	3	1	0	0	0	2
11	1	3	7	7	5	5	6	4	1	2	1	2	1	1	3	0	0	0	0	0	0	0	0	0	2
12	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	3	2	0	2	2	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	3	3	1
19	7	3	2	0	2	4	2	3	2	2	2	3	0	0	0	0	0	0	0	0	0	0	0	2	1
20	3	3	7	5	5	3	1	2	2	1	2	2	1	1	2	3	1	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	0	1	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	1	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	0	0	0	0	1
24	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	2	1	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	3	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	2	2	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	3	0	0	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0
6	13	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	2	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0
11	4	0	0	0	0	0	0	0	0	0	0	0	****	4	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0	0	0	0	5	0	1
13	9	0	0	0	4	4	2	3	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
14	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	1	0	0	0
15	- DATA INVALID -																								
16	****	****	****	****	****	****	****	****	****	****	****	****	0	****	****	****	****	****	****	****	****	****	****	****	******
17	- DATA INVALID -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	-	-	-	-	-	-	-	-	-	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	******
MEAN	2	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0.4

PERCENTAGE OF DATA VALID - 48.3 PERCENTAGE OF DATA INVALID - 8.8 PERCENTAGE OF DATA UNAVAILABLE - 42.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	2	2	2	6	10	1	0	0	0	1
2	0	0	0	0	0	1	1	1	1	1	1	3	4	5	5	4	4	4	3	2	1	1	1	1	2
3	3	0	2	8	1	0	0	0	0	1	2	6	3	6	5	4	6	7	6	3	3	2	24	0	4
4	13	19	0	10	2	5	0	2	1	1	2	3	3	4	4	3	2	3	6	18	12	15	2	0	5
5	9	11	10	7	0	0	20	16	****	3	0	1	3	3	4	2	3	3	11	8	3	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	2	1	0	0	0	0	0	0	0
7	0	0	1	1	0	0	0	0	0	2	3	5	2	3	3	1	0	0	0	0	1	2	0	0	1
8	0	0	0	0	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	1	0	0	****	2	5	6	2	3	2	3	3	3	2	2	1	2	3	3	4	6	2
10	5	5	6	2	3	2	1	3	3	3	3	3	4	3	3	5	3	3	2	1	1	1	1	1	3
11	10	10	2	2	1	1	2	1	2	12	4	11	3	0	0	0	0	0	0	0	0	0	0	0	3
12	0	0	0	0	0	0	0	0	****	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	0	3	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	3	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	3	0	0	****	-	-	1	1	2	1	1	2	2	2	1	1	1	1	1
21	1	1	0	0	0	1	1	2	2	2	3	3	2	3	3	4	4	4	5	8	9	10	11	14	4
22	12	29	24	30	30	21	7	5	8	11	9	5	4	4	5	8	10	11	13	13	13	16	10	16	13
23	20	17	18	18	15	12	10	8	7	5	8	9	12	13	12	10	6	4	4	2	3	3	3	4	9
24	2	2	1	1	1	1	2	2	2	3	4	5	6	7	7	7	7	7	5	4	4	4	3	1	4
25	1	0	0	0	0	0	0	1	2	1	0	1	2	2	3	3	3	3	3	2	1	0	0	0	1
26	0	0	0	0	0	0	0	****	0	0	1	2	2	3	3	4	3	2	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	1	****	0	0	1	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	1	1	1	1	1	3	7	8	0	1	0	1	1	4	1	1
31	0	0	1	0	0	0	2	2	1	2	1	1	1	1	0	0	1	2	0	0	0	0	0	0	1
MEAN	3	3	2	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	1	1	1	0	0	0	0	1	0	1
4	0	0	0	0	0	0	0	0	1	1	1	2	4	3	3	2	2	2	2	2	1	1	6	1	1
5	0	0	0	0	0	0	0	1	2	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	1
9	15	6	4	5	4	6	3	3	2	2	1	0	0	0	0	1	1	0	0	0	0	0	0	3	2
10	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	1	0	0	1
11	0	0	0	0	0	0	0	0	0	1	5	8	9	4	1	0	0	0	0	0	0	0	0	0	;
12	0	0	0	2	0	0	4	4	5	3	3	3	4	3	3	3	3	2	1	2	1	2	6	2	2
13	2	1	1	0	1	1	2	4	****	2	2	3	2	3	1	4	4	6	3	4	2	3	5	7	3
14	1	4	3	0	0	1	1	4	5	3	2	2	1	2	2	2	2	2	2	3	7	4	1	1	2
15	1	4	3	1	2	3	0	1	4	1	4	3	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0
17	0	0	0	0	0	0	2	3	2	1	0	0	0	2	2	3	2	0	0	2	2	5	7	10	2
18	3	3	1	0	0	2	2	4	5	2	0	5	5	****	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	4	0	0	0	0	0	1
20	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	2	3	0	0	0	0	0	0	0	0	2	2	2	2	2	2	3	3	3	3	6	10	2	0	2
22	10	6	10	0	2	2	2	1	7	2	1	2	3	3	3	2	2	1	0	2	6	7	13	6	4
23	2	4	5	6	7	5	2	2	1	1	2	2	3	2	2	2	2	1	0	4	1	2	2	1	3
24	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	3	3	3	2	4	3	2	3	2
25	3	4	2	0	1	6	2	3	2	3	3	4	3	3	4	4	3	3	8	7	4	35	8	6	5
26	7	8	4	2	3	4	6	5	4	3	2	2	1	1	1	2	3	2	2	2	0	0	0	0	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	0	0	1
30	1	2	0	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	2	1	1	1	0	0	1
MEAN	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	3	2	2	1.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	0	2	3	2	2	2	2	2	2	3	2	2	3	5	9	4	2	2	2	1	1	2
2	3	3	2	2	2	1	1	1	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1
3	0	0	0	1	1	0	1	1	2	2	2	1	1	1	1	0	1	2	3	3	3	1	1	0	1
4	0	0	1	0	0	0	0	9	6	2	2	1	0	0	1	2	2	1	1	2	2	1	0	0	1
5	4	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6	- DATA INVALID -																								
7	****	****	****	****	****	****	****	****	2	0	0	0	0	0	0	0	0	0	0	0	0	4	1	4	1
8	4	2	0	1	1	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	7	2	4	4	3	1
11	3	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	6	2	3	5	0	0	1
14	0	0	0	****	0	0	0	2	3	2	1	1	0	0	0	1	0	0	0	0	1	5	1	2	1
15	5	3	2	2	2	2	2	2	0	0	0	0	0	0	0	2	2	0	0	1	1	1	0	0	1
16	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	1	1	2	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
21	0	1	0	0	0	0	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	2	0	0	0	1	1	0	0	4	3	0	0	1	2	0	0	4	0	0	10	3	1	1
25	0	0	0	0	0	0	0	0	0	0	0	****	0	4	0	0	3	2	0	0	4	0	0	0	1
26	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	4	2	1	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
31	0	0	0	0	7	3	0	0	0	0	****	0	0	0	2	0	0	0	0	0	0	0	0	0	1
MEAN	1	0	0	0	1	0	0	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0.6

PERCENTAGE OF DATA VALID - 92.9 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	4	3	0	1	1
2	0	0	0	0	0	0	0	0	0	0	1	5	6	1	10	4	3	2	0	6	0	0	0	0	2
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	0	0	0	0	0	3	3	3	2	2	1	2	2	3	5	1	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	1	5	1	0	0	6	5	3	4	4	1	0	1	5	0	2
6	1	15	8	3	1	4	4	0	2	0	0	0	0	0	0	0	0	2	1	0	0	1	1	1	2
7	0	0	0	0	1	0	0	****	****	****	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	3	0	0	4	3	1	1
14	0	0	0	0	0	9	4	2	2	2	2	2	2	0	0	0	1	3	0	0	0	0	0	0	1
15	0	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	2	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	****	****	****	1	0	0	0	0	0	1	0	0	1	3	0	0	0
20	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	1	0	0	1	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	4	5	5	5	5	7	******	
23	6	6	6	6	6	6	6	5	6	7	7	7	7	6	7	7	7	8	9	6	6	7	7	7	6
24	5	5	5	5	5	5	6	6	7	7	7	8	7	7	7	6	6	7	7	7	8	9	7	7	7
25	6	6	5	6	6	8	8	7	7	8	8	7	7	8	8	7	7	7	7	7	8	9	7	7	7
26	5	5	5	4	4	4	5	7	7	6	6	4	5	5	5	6	8	10	6	10	10	9	8	7	6
27	10	6	4	5	6	4	16	9	9	9	8	7	4	3	3	3	3	5	5	11	10	9	8	6	7
28	6	6	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	6	6	6	6	6	6	6	6	6	6	6	6	7	7	****	6	6	6	6	6	6	6	6	6	6
30	4	4	5	7	5	5	5	5	5	8	11	7	6	7	5	7	5	4	4	4	4	4	5	5	5
31	5	2	2	3	4	6	6	5	5	5	4	5	6	6	6	5	6	12	8	5	4	6	6	7	5
MEAN	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2	3	3	2	3	2	3	2	2	2.3

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	8	6	6	6	6	5	6
2	5	5	7	7	4	4	6	5	6	8	6	5	5	5	3	3	4	4	6	9	9	8	5	5	6
3	5	3	8	5	3	3	4	6	****	****	****	0	0	0	0	1	1	1	2	3	4	1	1	0	2
4	3	1	1	1	0	1	1	1	2	2	2	2	2	2	2	1	1	5	2	2	3	7	4	3	2
5	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	2	3	2	2	7	5	3	7	2
6	0	0	2	7	6	4	4	9	5	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2
7	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	4	1	1	1	1
8	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	5	6	2	1
9	3	3	2	2	2	2	5	4	2	3	3	3	2	2	2	1	0	0	0	1	0	0	0	1	2
10	0	0	0	0	0	1	1	1	2	2	5	2	0	0	0	0	0	0	6	6	20	24	16	10	4
11	10	13	7	0	0	2	1	1	1	1	1	1	0	1	2	3	0	2	8	6	6	6	3	5	3
12	1	0	0	0	0	0	0	0	****	2	2	3	3	3	4	2	2	2	2	2	2	2	3	3	2
13	1	1	1	1	2	2	2	2	2	2	2	3	2	1	1	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	4	4	3	4	4	4	4	4	4	4	4	4	4	2	2	2	2	3	3	3
15	3	3	4	4	4	4	4	4	4	4	5	5	2	2	2	2	2	2	2	2	2	2	2	2	3
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	3	5	4	4	3	5
17	4	2	4	4	3	5	4	4	4	5	7	5	3	3	5	5	5	5	5	5	5	5	5	5	4
18	4	4	4	4	4	5	5	****	4	5	7	6	5	5	5	5	4	4	4	4	4	4	4	8	5
19	22	18	14	5	2	4	1	0	****	1	0	0	0	0	1	1	0	0	0	2	1	0	1	2	3
20	2	1	1	1	1	4	5	6	4	6	11	19	13	12	12	13	12	11	9	0	3	16	3	0	7
21	0	0	0	0	0	0	1	1	1	2	3	2	1	1	1	1	2	3	4	1	3	6	1	0	1
22	5	4	3	2	0	2	1	1	1	2	2	3	2	4	13	5	2	0	1	0	3	3	4	2	3
23	1	0	0	0	7	3	2	1	1	2	2	2	3	3	2	2	2	1	1	1	1	1	2	2	2
24	2	3	3	3	3	3	2	2	3	2	2	2	3	3	3	3	4	3	3	2	1	2	3	3	3
25	3	3	11	2	2	3	4	4	3	4	3	3	4	4	4	3	3	3	2	2	6	3	3	4	4
26	4	4	5	6	5	4	3	2	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2
27	0	0	0	5	6	3	3	8	5	4	3	6	8	12	27	9	7	6	2	3	30	12	0	5	7
28	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	2	0	0	2
30	0	0	0	0	5	4	3	3	3	3	6	7	0	0	0	0	0	3	5	6	1	0	0	0	0
MEAN	3	3	3	2	2	3	3	3	3	3	3	3	3	3	4	3	2	3	3	3	4	4	3	3	2.9

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	0	1	1	0	0	****	4	6	0	1	1	1	1	0	1	0	1
2	1	1	0	0	1	3	3	2	4	3	2	2	4	3	2	1	1	0	1	1	2	2	1	0	2
3	0	0	1	1	3	3	4	2	3	3	1	1	2	2	3	3	3	2	2	4	3	2	2	2	2
4	2	2	1	2	2	2	2	9	5	4	4	4	4	4	3	2	2	3	3	24	18	10	7	6	5
5	9	10	9	8	7	5	6	5	3	1	2	3	3	3	3	2	2	2	3	2	2	2	3	3	4
6	2	2	2	2	2	2	5	16	7	5	5	9	5	5	10	11	9	4	9	7	5	6	7	3	6
7	4	6	3	3	2	3	5	3	3	4	4	3	0	****	3	4	5	3	2	4	6	5	4	4	4
8	5	4	1	2	1	1	0	0	2	4	4	3	5	6	4	0	1	0	0	1	1	1	1	1	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	2	0	3	5	1	3	2	4	4	3	5	2	1	1	0	11	21	10	14	9	7	5	5	5
12	15	4	12	8	6	5	6	5	1	2	2	3	3	3	2	2	2	2	2	4	4	3	4	4	4
13	5	4	4	5	6	3	3	4	4	4	4	4	2	2	2	2	3	3	2	3	2	2	2	2	3
14	4	5	5	5	6	5	4	4	3	3	3	3	2	****	0	0	0	1	2	2	2	2	2	2	1
15	1	1	1	2	2	1	2	1	****	0	1	1	2	2	1	1	1	1	2	2	2	2	2	2	3
16	2	3	3	3	3	3	4	4	4	2	2	3	2	4	5	4	3	2	3	3	3	4	3	2	3
17	2	2	3	4	3	2	2	2	2	4	4	4	3	4	5	8	4	0	0	0	3	6	0	8	3
18	12	6	5	6	3	5	4	5	5	6	11	18	7	8	6	9	13	14	9	3	7	25	32	15	10
19	3	5	6	5	1	2	2	10	10	1	1	2	2	3	5	2	3	3	5	6	12	12	9	6	5
20	6	5	4	2	2	1	2	2	3	4	3	4	6	6	6	7	7	4	9	12	11	5	6	7	5
21	7	9	6	4	5	7	2	4	5	4	3	4	5	1	2	2	2	2	3	4	4	3	2	4	4
22	5	5	4	4	5	21	15	11	7	5	5	4	4	9	2	3	3	4	3	3	4	4	5	5	6
23	6	5	5	5	5	6	7	7	6	6	5	6	6	5	4	5	6	6	6	6	6	6	7	7	6
24	7	7	8	8	8	8	8	7	7	7	7	7	6	4	4	3	4	5	5	5	5	4	5	5	6
25	6	5	5	4	4	4	4	4	4	5	4	5	5	5	5	5	5	5	6	6	7	7	6	6	5
26	17	25	18	15	8	10	12	13	9	9	8	7	10	9	9	7	6	7	10	11	7	11	11	10	11
27	8	8	7	7	6	7	6	6	6	4	4	4	4	3	2	2	3	4	4	7	6	4	6	5	5
28	5	5	4	4	5	4	4	4	4	4	4	4	3	3	3	3	3	2	3	4	6	6	6	7	4
29	8	8	9	10	7	6	6	6	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
30	- DATA INVALID -																								
31	- DATA INVALID -																								
MEAN	5	5	4	4	4	4	4	5	4	4	3	4	3	4	3	3	4	4	4	5	5	5	5	4	4.1

PERCENTAGE OF DATA VALID - 91.0 PERCENTAGE OF DATA INVALID - 9.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	- DATA INVALID -																								
3	- DATA INVALID -																								
4	- DATA INVALID -																								
5	- DATA INVALID -																								
6	- DATA INVALID -																								
7	****	****	****	****	****	****	****	****	****	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	******
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	6	5	3	3	6	5	6	4	7	7	11	4	0	0	0	0	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	9	3	10	6	2	0	0	0	1	2	2	2	1
13	0	0	1	1	2	3	2	2	4	4	5	6	7	7	7	7	9	5	5	5	0	0	0	0	3
14	0	4	3	1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	1	1	2	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	4	4	1
17	2	3	2	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	1	2	3	6	6	15	16	5	5	4	3	0	1	13	10	4	10	9	11	8	6	6
20	4	3	4	4	3	2	2	4	0	0	0	0	1	3	3	6	5	3	3	0	0	3	1	6	3
21	7	1	0	0	0	0	0	1	4	7	4	1	2	3	1	1	0	0	0	0	0	0	0	0	1
22	2	0	1	3	4	11	5	2	4	6	7	3	7	8	10	4	3	6	9	11	7	1	2	3	5
23	3	5	4	3	3	5	0	8	2	0	0	0	3	1	0	0	0	0	0	0	1	2	0	0	2
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
26	5	0	0	4	5	6	6	6	7	6	14	5	0	1	1	0	0	0	0	4	0	0	0	0	3
27	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	4	3	4	1	1	1	2	2	1	1
29	3	4	3	2	2	3	3	5	4	4	2	1	1	1	2	0	3	3	14	21	18	13	2	1	5
30	0	2	2	1	1	1	2	2	6	4	4	4	8	3	1	0	0	0	0	2	10	8	6	4	3
MEAN	1	1	1	1	1	2	1	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	1	1	1.6

PERCENTAGE OF DATA VALID - 77.9 PERCENTAGE OF DATA INVALID - 22.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	2	2	1	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	6	6	2	4	2	0	0	0	1
3	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	7	11	10	2	2	2	3	2
8	1	1	1	1	0	0	2	2	4	6	4	5	5	5	3	2	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	4	1
10	4	2	1	1	2	2	2	3	4	3	2	2	1	1	1	3	3	2	0	0	0	0	0	0	2
11	0	0	0	0	1	6	9	6	11	9	3	2	2	2	2	3	4	4	4	4	4	4	3	3	4
12	4	3	7	4	2	5	2	1	2	2	2	2	2	****	4	3	2	2	2	2	2	2	2	2	3
13	3	3	5	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	4	8	10	3
14	10	6	4	5	4	5	13	9	11	0	0	0	0	0	0	0	0	2	2	5	5	7	5	10	4
15	6	11	12	14	12	21	6	5	11	2	0	3	1	1	0	0	0	0	0	0	0	0	0	0	4
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
17	0	0	0	0	0	0	0	1	1	1	6	7	5	1	2	3	21	12	8	0	3	8	4	6	4
18	12	12	8	6	3	4	4	4	0	****	****	****	0	2	4	6	11	11	8	7	7	5	4	1	6
19	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	5	5	6	7	7	2
20	6	6	6	5	5	5	6	5	1	3	3	3	0	1	1	0	5	23	36	39	44	23	6	2	10
21	6	17	8	6	5	5	5	6	6	7	9	7	4	4	4	5	3	5	6	7	9	10	9	10	7
22	12	6	4	5	5	2	1	1	2	3	2	1	1	1	0	0	0	0	1	0	1	2	1	3	2
23	6	8	8	5	5	3	2	3	11	8	13	****	5	11	10	8	13	6	5	5	5	6	6	7	7
24	5	3	3	4	4	4	4	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	2	0	2	2	0	2	11	4	5	7	5	5	6	5	6	3	4	3	3	6	3	4
26	3	3	7	4	4	7	2	7	3	4	3	3	2	2	4	6	5	5	3	2	0	0	0	1	3
27	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	1
28	1	0	0	0	2	3	1	0	1	4	4	6	11	7	11	13	6	14	13	3	7	5	9	1	5
29	0	1	2	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
30	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0
31	0	2	1	0	0	0	2	0	0	0	1	0	0	0	1	1	0	0	2	1	1	0	2	1	1
MEAN	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	3	4	4	3	4	3	3	2	2.5

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.9	6	20
FEB	29	1.3	6	21
MAR	31	0.8	4	13
APR	14	0.4	1	13
MAY	31	2.0	13	30
JUN	30	1.4	5	35
JUL	29	0.6	2	10
AUG	29	2.3	7	16
SEP	30	2.9	7	30
OCT	28	4.1	11	32
NOV	23	1.6	6	21
DEC	31	2.5	10	44
YEAR	336	1.8	13	44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	721	6	0	0	0	0	0	0	727
FEB	680	6	1	0	0	0	0	0	687
MAR	732	1	0	0	0	0	0	0	733
APR	346	2	0	0	0	0	0	0	348
MAY	697	30	3	3	0	0	0	0	733
JUN	710	3	0	1	0	0	0	0	714
JUL	691	0	0	0	0	0	0	0	691
AUG	708	5	0	0	0	0	0	0	713
SEP	692	18	3	1	0	0	0	0	714
OCT	644	27	5	1	0	0	0	0	677
NOV	549	11	1	0	0	0	0	0	561
DEC	693	26	4	3	0	0	0	0	726
YEAR	7863	135	17	9	0	0	0	0	8024

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.3	0	0.0	0.0	0.0	1.6	4.9	6.7	10.0	12.7	44	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	2	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
31												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 28.1 PERCENTAGE OF DATA INVALID - 10.8 PERCENTAGE OF DATA UNAVAILABLE - 61.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	2	1	1	0	0	0	0	0	0
16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	0
20	10	1	0	0	1	1	9	5	27	13	4	2	1	0	0	1	1	1	0	0	0	0	0	0	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	4	2	0	0	0	0	0	0	1
22	1	2	1	1	0	1	2	0	0	0	0	0	1	1	2	2	1	2	2	1	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	1	3	3	3	2	3	7	3	2	2	1	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	2	3	2	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 77.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 22.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	4	3	****	****	1	2	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
8	2	2	1	3	2	1	1	2	1	2	0	7	7	3	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	1	1	1	1	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
16	0	1	2	0	0	0	0	0	1	1	0	1	1	0	0	0	1	0	0	3	2	2	3	0	1
17	3	4	2	1	1	1	3	2	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	3	3	1	1
21	1	1	1	1	2	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	1	0	0	0	0	0	0	2	1	1	0	0	0	1	0	1	3	2	0	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	1	1	0	1	1	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	****	****	****	****	****	****	****	4	6	4	6	4	5	6	2	5	3	2	******
29	3	5	2	3	5	3	1	0	0	2	0	0	0	0	0	0	4	0	0	9	12	20	0	0	3
30	0	0	0	0	0	0	0	0	5	6	0	0	2	2	5	0	2	2	2	2	1	2	2	2	1
31	0	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	0	0	0	0	0	0	1	1	0	0	1	1	1	0	1	1	0	1	1	1	0	0	0.4

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	3	4	3	4	7	3	3	4	2	2	4	3	1	1	1	0	0	2
2	0	0	0	0	0	0	2	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1	1	2	1
3	0	4	0	0	0	2	2	2	2	2	1	1	2	2	2	0	1	1	0	0	2	3	1	0	1
4	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	2	2	2	1	3	3	2	3	4	2	9	11	13	9	8	9	3
7	10	10	7	4	0	0	0	2	6	6	3	8	6	0	0	0	0	0	0	0	0	0	0	1	3
8	0	0	0	0	0	0	0	1	3	2	3	6	2	2	2	3	4	4	3	1	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	2	8	9	4	2	1	0	0	0	0	1	1	1	1	4	1
19	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	4	3	3	7	1	0	0	0	1
21	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0	0	0	0	0	0	1	2	2	1	1
22	0	0	0	0	3	4	7	3	2	4	4	4	4	5	4	2	2	7	5	2	6	4	4	6	3
23	4	3	4	2	0	0	0	0	0	0	14	6	3	1	1	3	1	0	0	0	0	0	0	0	2
24	0	0	3	1	0	0	0	0	6	2	3	1	0	0	0	0	11	2	3	2	3	2	2	1	2
25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	1	2	2	1	0	0	1	1	1	0	0	0	1	1	1	1	1
29	1	2	2	2	2	2	0	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	2	0	1
30	1	2	2	1	1	2	3	2	3	2	3	1	3	3	2	3	10	3	15	13	3	2	2	2	4
MEAN	1	1	1	0	0	0	1	1	1	1	2	2	1	1	1	1	2	1	2	2	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 80.7 PERCENTAGE OF DATA INVALID - 17.5 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	0	0	0	0	2	2	0	1	1	1	0	0	0	0	0	0	0
2	0	1	0	0	0	1	0	0	0	2	****	0	0	1	1	1	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27	17	5	3
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	2	4	3	1	1	4	4	1	2	2	5	3	2	3	4	5	2	2	2	2	1	0	0	2
13	3	1	2	3	1	2	1	1	2	3	1	4	3	2	2	1	2	8	2	1	0	1	4	2	2
14	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	1
16	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	4	2
17	1	3	3	9	6	7	12	13	15	11	18	13	13	11	9	21	23	12	1	1	1	2	2	2	9
18	2	2	2	2	1	2	6	4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	0	23	30	6	1	1	2	1	1	1	1	2	3	1	2	4
20	3	7	7	5	5	3	4	6	5	7	4	11	18	28	13	13	4	4	34	16	5	4	2	2	9
21	2	2	2	2	3	4	7	5	5	57	21	4	5	3	2	2	2	2	2	2	2	2	2	2	6
22	1	1	1	1	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
23	1	1	1	2	2	2	3	4	4	3	****	1	1	1	2	2	2	2	3	4	6	3	2	4	2
24	1	2	1	1	3	2	3	5	1	3	4	6	6	5	3	2	2	3	2	13	3	3	3	3	3
25	2	2	2	2	2	2	2	3	7	4	3	3	2	2	3	6	5	5	1	1	1	1	1	1	3
26	1	1	2	2	2	2	2	3	3	3	3	4	2	2	2	2	2	2	3	3	3	3	3	3	2
27	2	2	2	2	2	3	3	3	3	3	1	1	2	2	1	1	1	1	1	1	2	3	3	3	2
28	2	4	5	2	2	3	12	2	11	7	2	4	3	3	3	4	4	2	2	2	5	3	3	3	4
29	2	2	6	10	12	8	8	****	8	3	3	3	5	15	12	6	4	19	4	0	0	1	1	2	6
30	4	4	4	3	3	2	2	2	20	28	45	23	48	0	0	0	0	0	0	0	0	0	0	0	8
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	2	2	2	2	2	2	3	5	5	4	4	3	2	2	2	2	2	2	1	2	2	1	2.3

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	2	0	1	0	1	2	2	1
2	2	1	0	0	0	1	0	2	2	1	5	8	11	9	3	2	1	1	1	1	1	1	2	3	2
3	1	2	5	4	2	2	2	3	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	3	5	2	1	2	5	2	2	3	2	1	1	2	2	1	1	1	4	9	2
6	19	11	2	9	14	****	4	3	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1	2	******
12	2	2	2	2	3	3	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2
13	2	2	2	2	2	2	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	1	2	2	1	****	1	1	1	2	2	2	2	2	2	2	2	1
15	2	2	2	2	2	2	2	2	2	2	2	2	13	1	0	0	1	0	0	0	0	1	2	8	2
16	6	3	2	2	1	2	4	11	2	3	3	3	1	3	4	4	6	6	2	4	2	4	3	1	3
17	2	2	2	2	2	3	4	5	1	1	1	1	2	2	2	2	2	3	4	4	1	2	2	3	2
18	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	8	11	8	14	9	14	5	4
19	6	5	2	6	7	4	7	8	5	5	2	3	9	6	9	9	8	6	5	3	3	3	3	3	5
20	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	1	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	2	1	1
27	0	0	0	0	0	0	1	1	4	6	6	2	1	4	6	3	7	6	0	3	0	0	0	2	2
28	1	13	3	13	0	4	3	1	4	0	3	0	4	2	0	0	2	4	9	4	0	0	2	0	3
29	0	0	0	0	1	0	0	0	0	2	0	2	1	3	4	6	2	2	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	1	2	2	1	2	2	1	1	1	1	2	2	1	1	2	2	2	1	1	1	2	2	1.5

PERCENTAGE OF DATA VALID - 83.2 PERCENTAGE OF DATA INVALID - 16.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	4	3	2	2	0	0	0	1	1	2	5	4	0	0	1	1
3	1	1	8	8	6	6	3	2	2	2	0	2	4	3	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	1	1	1	2	2	12	2	2	0	0	0	0	0	0	0	1
5	2	2	2	2	1	1	1	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	2	2	2	3	3	3	3	1	1	1	1	1	0	0	0	0	0	0	0	1
8	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3	0	4	3	0	0	0	0	0	1
9	0	0	0	0	0	0	0	2	7	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	2	2	0	3	19	3	1	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	4	2	2	2	2	1	1	5	3	2	2	1	1	1	1	1	1	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1
21	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
22	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	13	10	5	2	2	2	1	0	0	1	15	0	1	1	2
27	1	1	3	1	1	2	3	3	1	1	8	5	4	1	4	5	5	3	4	1	1	1	0	0	2
28	0	0	1	0	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3	3	7	3	3	1
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	4	0	0	0	0	6	1	0	0	0	0	0	0	0	1	1
5	0	1	1	3	2	2	2	3	****	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	1
10	0	0	0	0	1	2	2	3	3	5	2	4	4	0	0	1	3	2	3	2	2	1	1	1	2
11	3	6	3	3	6	5	3	3	6	1	3	2	2	15	2	9	5	2	1	1	1	1	0	1	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	3	2	0	0	0	0	0	0	0	1
17	2	9	1	0	0	2	2	4	10	7	4	5	3	3	3	2	2	2	1	0	0	0	0	0	3
18	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	2	3	1	2	2	2	1
20	0	1	3	0	0	0	2	10	17	22	61	26	13	2	1	1	1	1	0	1	0	2	1	0	7
21	0	0	0	0	0	0	1	****	2	5	2	****	3	2	2	3	3	4	4	3	2	0	2	1	2
22	0	0	0	0	0	0	0	0	0	1	1	1	1	1	6	5	3	1	3	2	2	1	0	0	1
23	0	0	0	0	0	0	0	0	0	7	5	5	3	4	6	6	4	6	9	1	1	2	6	9	3
24	1	15	2	1	1	1	1	2	3	4	2	3	9	2	1	1	1	0	1	2	2	3	3	2	3
25	1	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	4	6	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1
29	0	0	0	0	1	2	5	2	5	9	8	7	6	8	5	8	15	3	3	2	3	2	0	0	4
30	0	0	1	0	0	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	1	0	0	1	1	1	2	2	3	2	2	1	1	1	1	1	1	1	0	0	0	1	1.0

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	4	3	4	18	12	7	8	0	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	2	2	2	2	3	3	3	3	0	3	1	0	0	0	0	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	10	12	11	13	12	12	14	14	15	18	22	21	28	30	6	22	26	15	1	14
13	5	1	0	3	3	11	6	1	2	3	3	2	1	3	4	1	2	1	1	0	0	1	2	2	2
14	2	2	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1
15	0	0	0	0	0	0	0	0	0	1	6	5	6	0	0	0	0	0	0	1	1	1	1	0	1
16	0	0	0	2	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	4	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	3	5	7	2	3	0	0	0	0	0	0	0	0	1	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	11	7	3	2	0	0	0	0	0	1	0	1
20	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
21	13	16	1	1	1	3	4	2	3	24	29	3	0	0	0	0	0	0	0	0	0	0	0	0	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	1	0	0	0	0	0	1
24	0	2	6	6	0	0	1	1	3	0	0	1	1	2	3	0	0	0	2	0	0	0	0	0	1
25	1	2	1	0	0	0	1	2	2	2	7	7	3	31	6	4	3	1	1	4	0	0	0	0	3
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	1	3	4	6	9	1
28	0	0	0	0	0	0	0	0	0	0	0	1	3	1	2	1	1	1	0	1	4	4	5	10	1
29	5	8	10	11	1	1	2	1	4	5	6	8	6	10	4	3	0	4	5	1	0	1	1	2	4
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	0	1	1	1	1	2	3	2	2	3	2	1	2	2	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3	0	1	2	8	10	6	2	3	4	2	1	0	0	0	1	2	1	1	1	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	2	4	3	0	2	3	0	0	0	0	0	0	0	1
10	0	3	4	0	0	1	1	2	0	7	11	7	3	5	8	0	0	0	1	0	0	0	0	1	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
15	0	1	2	2	0	0	0	0	1	0	1	4	3	3	4	5	4	4	4	3	2	3	4	6	2
16	6	6	4	2	3	2	0	1	1	1	2	2	5	6	4	3	2	3	2	2	1	1	4	0	3
17	0	1	0	0	0	0	1	3	****	4	14	4	1	0	0	0	0	0	0	0	0	0	0	0	1
18	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
19	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1
21	1	1	1	1	1	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0
23	2	3	4	3	2	2	2	5	14	1	0	0	0	1	1	1	2	2	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	2	2	2	1
30	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0
3	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0
8	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11	- DATA INVALID -																								
12	- DATA INVALID -																								
13	- DATA INVALID -																								
14	- DATA INVALID -																								
15	- DATA INVALID -																								
16	- DATA INVALID -																								
17	- DATA INVALID -																								
18	- DATA INVALID -																								
19	- DATA INVALID -																								
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	0	1	1	1	0	1	0
27	11	7	2	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	0	1	1
28	0	0	0	0	0	0	0	1	2	2	1	1	****	1	1	1	2	2	1	2	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 60.3 PERCENTAGE OF DATA INVALID - 39.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	2	2	2	17	15	6	3	3	4	5	3	3	5	9	7	7	4
2	6	2	1	1	1	2	2	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	5	2	2	5	8	1	1	1	1	1	1	1	0	0	0	0	0	1
5	2	2	2	2	1	3	2	3	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	2	3	2	2	2	2	2	2	2	2	1	0	4	2	1
7	9	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	2	9	9	5	2	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	2	5	****	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	2	4	2	1	1	1	1	1	1	1	1	1	2	1
28	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	1	1	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	8	0.1	1	2
FEB	22	0.3	3	27
MAR	29	0.4	3	20
APR	25	1.1	4	15
MAY	31	2.3	9	57
JUN	24	1.5	5	19
JUL	31	0.9	2	19
AUG	31	1.0	7	61
SEP	30	1.3	14	38
OCT	31	0.5	3	14
NOV	18	0.2	1	11
DEC	31	0.4	4	17
YEAR	311	0.9	14	61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	209	0	0	0	0	0	0	0	209
FEB	540	1	1	0	0	0	0	0	542
MAR	711	2	0	0	0	0	0	0	713
APR	575	6	0	0	0	0	0	0	581
MAY	704	23	6	6	1	0	0	0	740
JUN	588	11	0	0	0	0	0	0	599
JUL	740	4	0	0	0	0	0	0	744
AUG	728	6	2	0	1	0	0	0	737
SEP	694	17	4	5	0	0	0	0	720
OCT	738	3	0	0	0	0	0	0	741
NOV	433	1	0	0	0	0	0	0	434
DEC	738	2	0	0	0	0	0	0	740
YEAR	7398	76	13	11	2	0	0	0	7500

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.4	0	0.0	0.0	0.0	0.0	2.0	3.8	7.7	11.9	61	0.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	.	.	.	.	.	.	.	.	.	.	.	.	****	0	0	0	0	0	0	2	4	2	4	2	******
10	2	2	2	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
15	****	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	4	6	6	5	5	2	2
23	0	0	5	2	0	0	7	5	4	0	2	****	0	0	0	0	0	0	0	0	5	4	1	1	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	9	15	3	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	4	5	0
27	0	9	5	9	8	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0
29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	4	3	1
31	0	0	2	1	0	0	5	3	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 71.5 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 27.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	4	1	2	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	5	6	6	6	6	5	5	7	7	7	7	7	7	3
4	6	6	6	6	5	5	5	5	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	3	5
5	2	2	0	0	0	0	0	0	3	3	3	3	3	****	0	0	0	0	0	0	0	0	0	0	1
6	0	0	1	4	3	2	2	3	3	3	3	****	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	0
9	4	4	4	4	4	5	5	9	4	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	****	1	1	2	0	0	0	0	0	0	0	0	0	0
12	2	2	2	0	0	0	7	6	6	5	4	3	0	0	0	0	0	0	1	1	4	9	8	7	3
13	8	8	9	9	6	9	12	13	10	14	11	****	0	5	0	0	0	9	5	4	3	3	5	3	6
14	4	4	8	18	7	6	5	6	24	14	10	9	3	4	5	7	6	5	3	4	5	6	8	9	8
15	9	20	13	17	13	8	6	5	3	5	5	3	2	3	2	2	2	2	2	2	2	2	2	2	6
16	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	2	3	3	3	4	5	5	4	2	2	0	0	0	0	0	0	0	2	6	5	4	4	2
18	0	0	4	2	2	5	9	7	5	4	3	4	2	2	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	0	0	3	3	0	0	3	0	1
20	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	9	17	20	2
22	22	17	12	13	13	11	9	10	5	4	4	3	2	2	2	1	2	2	0	0	3	6	7	6	7
23	10	8	7	6	5	5	3	3	4	5	4	****	0	0	0	2	5	5	2	2	16	27	18	9	6
24	5	6	13	15	7	7	34	13	5	5	5	5	4	0	0	0	0	0	0	0	9	5	9	6	6
25	0	4	11	13	13	10	12	5	4	3	2	2	3	3	2	2	2	2	3	5	11	6	9	9	6
26	13	19	13	13	11	7	8	9	9	7	5	6	5	6	9	13	14	16	16	16	16	11	7	12	11
27	13	13	8	5	5	5	5	4	3	3	2	4	0	0	0	0	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	3	6	4	2
30	2	2	3	3	2	2	2	4	3	3	0	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	3	4	4	4	3	3	4	4	3	3	2	2	1	1	1	1	2	2	2	2	3	4	4	4	2.8

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0
4	3	4	4	5	5	6	6	6	6	5	5	3	0	0	0	0	0	0	0	0	0	0	2	5	3
5	2	2	2	2	3	3	0	0	0	2	2	3	5	0	0	0	2	2	4	5	5	5	5	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	5	5	5	5	4	9	4	7	8	10	12	13	13	13	10	9	9	7	6
8	7	7	8	5	4	4	4	4	4	4	0	0	0	2	4	5	5	8	6	7	7	8	7	3	5
9	2	2	5	6	4	2	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	4	3	1
10	2	0	0	0	0	0	2	7	8	10	9	7	****	5	4	4	4	5	9	16	16	16	16	11	7
11	6	5	5	4	4	0	0	2	2	2	3	5	9	10	13	15	17	20	21	17	15	14	11	4	9
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	3	4	5	4	4	1
13	5	4	3	3	3	4	5	5	5	6	7	8	5	5	5	6	6	6	9	8	8	6	5	6	6
14	3	4	4	4	7	9	9	5	0	0	0	0	****	11	7	5	8	10	10	10	9	8	4	****	6
15	****	3	0	2	0	0	0	0	0	0	0	0	0	3	4	5	5	4	4	3	0	0	0	0	1
16	3	5	5	5	5	3	3	0	0	3	4	****	0	0	0	0	0	0	0	0	0	0	0	4	2
17	2	0	2	3	5	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	11	10	4	3	2	0	0	0	0	0	0	0	0	0	0	6	3	2	5	10	26	0	5	4
20	3	13	48	15	9	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
21	5	0	0	0	3	5	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	2	3	3	4	5	5	0	0	****	0	0	0	0	5	5	3	4	4	7	9	3
23	8	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	1
24	0	0	0	0	2	2	11	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	9	4	5	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	2
26	5	7	8	8	7	9	10	10	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6
27	6	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	2	4	0	0	0	0	0	0	2	2	2	2	3
29	0	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	1
30	0	8	0	0	0	0	4	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	5	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	2	3	4	3	3	3	3	3	2	2	2	2	1	2	2	2	3	3	3	3	3	4	3	3	2.7

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	2	2	2	2	2	5	5	4	4	0	0	0	0	0	0	0	0	0	2	3	3	2
2	2	3	5	4	5	7	4	3	5	3	0	0	0	0	2	2	2	2	2	7	0	12	9	11	4
3	8	0	5	0	0	0	0	2	0	0	0	0	0	2	4	9	10	****	****	****	****	****	****	****	2
4	- DATA INVALID -																								
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	******
6	0	9	0	0	1	1	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1
7	2	0	5	4	0	0	2	2	0	0	0	0	****	0	2	4	4	0	0	0	0	0	3	12	2
8	23	48	23	17	5	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	****	2	3	4	0	0	0	0	0	0	0	0
12	0	0	0	0	0	5	0	3	3	0	0	2	2	2	0	0	0	0	0	0	0	****	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
14	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	26	27	3
15	14	2	0	0	0	0	0	4	0	4	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	5	6	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	1
20	15	2	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	0
22	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	- DATA INVALID -																								
25	****	****	****	****	****	****	****	****	****	****	****	****	5	2	0	0	0	0	0	0	3	2	3	3	******
26	2	3	4	4	5	4	5	5	4	4	3	3	3	3	3	3	3	3	2	2	2	1	1	1	3
27	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
30	0	3	4	4	4	4	3	3	3	3	3	5	5	5	3	2	2	2	5	3	2	2	2	3	3
31	2	2	2	2	2	3	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	4
MEAN	3	3	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1.4

PERCENTAGE OF DATA VALID - 85.2 PERCENTAGE OF DATA INVALID - 14.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	3	3	5	2	2	4	4	4	4	3
3	7	7	7	5	5	5	5	5	6	5	5	5	5	8	9	5	5	6	6	8	8	7	5	6	6
4	12	10	9	9	9	9	9	9	9	9	9	11	16	14	13	12	12	6	6	6	6	6	5	5	9
5	2	2	2	1	1	0	0	0	0	0	1	0	5	6	8	8	8	8	8	12	13	9	16	16	5
6	14	14	14	11	12	14	8	14	11	9	9	7	9	9	8	6	7	7	7	7	7	7	7	7	9
7	5	5	5	5	15	15	6	3	4	4	4	4	5	5	5	5	5	2	2	3	3	3	3	3	5
8	5	4	4	5	9	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	0	3	1	1	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	****	2	2	2	2	2	2	3	3	4	5	5	6	2
11	5	5	5	7	5	5	5	5	4	4	4	2	1	1	1	1	1	1	1	2	3	3	5	4	3
12	3	3	5	4	3	3	3	2	2	2	0	0	****	0	0	0	0	0	0	0	0	0	0	0	*
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	2	2	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	4	4	2	3	1
16	2	1	0	0	2	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	2	2	2	2	2	4	2	2	2	2	0	0	0	1	1	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	2	2	2	0	0	****	2	2	3	3	3	3	3	3	3	3	3	3	2
23	3	3	3	3	3	3	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
27	****	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7	9	9	0	2	1	1	1	2
28	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	0	0	5	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	2	1	1	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
14	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	------
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	1	5	3	1	1	0	0	0	0	****	0	0	0	0	0	0	3	1	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
22													- DATA INVALID -												
23													- DATA INVALID -												
24	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	3	2	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 86.3 PERCENTAGE OF DATA INVALID - 13.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	****	12	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	12	5	1	0	2	3	2	1	1	3	3	4	2
13	5	4	6	3	4	4	8	13	11	3	3	2	****	****	****	****	****	****	****	****	****	****	****	****	******
14													- DATA INVALID -												
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
MEAN	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 52.5 PERCENTAGE OF DATA INVALID - 47.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	0	0	1	3	19	4	3	2	0	****	0	0	0	4	3	3	3	2	2	2	2	2
2	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	3	3	4	3	2	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	5	5	7	6	4	1
8	3	4	4	4	2	3	2	3	2	4	5	4	3	3	3	0	3	3	2	2	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	11	11	10	10	9	12	13	11	11	4
10	9	9	9	9	9	9	8	8	9	9	7	8	5	5	5	5	5	3	3	3	2	4	5	8	7
11	6	8	12	11	9	9	12	13	11	9	6	7	6	6	4	4	2	3	2	3	3	5	5	5	7
12	5	5	5	4	5	3	4	6	5	5	****	0	0	0	0	0	0	0	0	3	3	3	4	5	3
13	4	4	4	4	4	4	3	3	3	3	3	3	1	1	1	1	1	1	0	0	5	5	5	5	2
14	3	3	4	5	5	5	4	5	5	5	4	5	6	6	8	8	8	7	9	8	8	8	8	8	6
15	9	10	8	13	12	10	10	10	9	9	10	13	12	****	****	****	11	9	5	5	4	5	0	0	8
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	5	11	14	6	7	2	0	0	2	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	3	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	4	4	2	5	5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	4	7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	1	2	2	2	2	1	2	2	1	1	1	2	1	1	1	1	2	1	1	1.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	22	0.4	2	15
JUN	29	2.8	11	34
JUL	29	2.7	9	48
AUG	26	1.4	6	48
SEP	30	2.0	9	16
OCT	25	0.1	1	5
NOV	15	0.3	2	13
DEC	31	1.5	8	19
YEAR	207	1.5	11	48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	531	1	0	0	0	0	0	0	532
JUN	654	42	3	1	0	0	0	0	700
JUL	672	24	2	1	0	0	0	0	699
AUG	623	6	4	1	0	0	0	0	634
SEP	689	21	0	0	0	0	0	0	710
OCT	642	0	0	0	0	0	0	0	642
NOV	374	4	0	0	0	0	0	0	378
DEC	716	19	0	0	0	0	0	0	735
YEAR	4901	117	9	3	0	0	0	0	5030

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.5	0	0.0	0.0	0.0	0.1	4.7	7.6	11.2	13.6	48	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	6	0	10	5	0	1	1	1	1	1	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0
4	1	1	0	0	0	0	1	1	1	5	3	1	2	2	0	0	1	1	1	1	1	1	1	1	1
5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	0	18	28	20	16	14	0	0	0	0	3	0	0	0	4
7	0	0	1	0	0	0	0	0	0	0	0	0	0	1	3	2	6	8	7	2	4	5	8	6	2
8	2	2	1	0	2	3	3	3	3	2	****	5	3	2	3	4	3	4	2	1	2	6	2	3	3
9	3	1	1	3	2	2	2	0	0	0	0	0	0	0	0	0	0	1	3	5	3	1	6	1	2
10	1	1	0	2	3	3	3	2	0	2	1	1	0	0	0	0	3	1	3	5	3	1	6	1	2
11	5	0	0	0	0	9	4	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	6	5	1
12	4	6	3	4	6	7	4	3	3	4	4	5	6	4	2	3	7	1	0	0	3	3	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	11	18	3	0	1	3	2	0	0	0	1	2
14	1	2	0	0	0	0	0	0	****	****	****	3	3	3	4	4	4	3	4	3	1	0	0	0	2
15	0	0	0	0	0	1	1	0	0	0	1	24	10	0	0	7	11	7	6	3	0	0	0	0	3
16	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	1	0	0	0	0	0	1	0
17	0	0	0	0	0	0	9	3	1	0	****	0	0	0	1	0	0	0	0	0	0	0	3	0	1
18	0	2	1	0	0	1	3	1	1	2	1	2	5	6	3	3	2	2	3	3	3	3	4	4	2
19	4	5	5	4	6	10	12	14	13	13	11	4	1	1	1	0	0	0	0	1	1	0	1	0	4
20	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	1	0
22	0	0	0	0	0	0	0	0	2	****	****	7	6	2	9	2	5	1	1	1	1	6	3	0	2
23	0	0	0	0	0	0	0	0	0	1	3	4	4	4	5	7	7	3	3	2	1	1	1	2	2
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8	9	2	0	1
25	0	0	1	1	4	4	1	2	4	1	****	3	3	2	4	2	1	1	1	1	1	5	3	1	2
26	1	1	3	2	0	3	0	0	0	0	0	1	0	0	1	1	2	0	0	0	0	0	2	3	1
27	3	3	1	2	0	0	0	2	1	1	1	1	1	0	1	5	3	7	18	13	5	8	6	3	4
28	4	2	3	2	1	1	1	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
29	1	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	1	2	2	1	2	2	1	1.5

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	3	2	1
4	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	2	0	0	0	0
5	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	13	10	6	2	2
8	28	14	2	9	19	25	21	6	8	9	8	9	9	7	5	2	2	1	2	2	2	8	8	8	9
9	11	8	14	8	8	13	8	6	6	3	3	3	3	4	4	0	0	0	0	1	9	4	0	11	5
10	11	3	4	0	0	2	1	0	1	9	26	29	7	5	3	1	0	0	4	9	8	5	5	7	6
11	1	12	1	4	3	4	4	5	3	2	3	2	2	1	0	2	2	1	0	0	1	0	4	3	3
12	0	0	1	12	14	10	3	0	0	****	0	1	2	0	0	0	0	0	1	1	0	0	1	5	2
13	1	3	4	4	2	0	3	2	2	2	0	0	1	0	0	1	2	3	2	2	1	5	5	6	2
14	5	0	0	7	12	15	15	8	3	1	0	0	0	2	3	6	6	4	6	6	3	0	0	0	4
15	0	0	0	0	1	0	0	0	0	0	3	3	1	2	1	2	0	0	0	0	4	4	4	3	1
16	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	9	8	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	11	5	4	3	2	1	3	2	2
18	5	3	4	8	8	3	3	4	****	****	****	****	****	1	1	****	13	14	12	12	9	8	7	6	5	7
19	3	4	5	4	3	3	2	2	2	0	0	****	****	2	4	3	7	7	7	5	6	8	4	2	4
20	0	0	2	3	3	4	2	2	3	2	2	3	26	14	7	3	1	0	0	3	5	8	13	2	5
21	8	8	9	14	17	5	3	2	2	2	1	1	1	1	1	1	1	1	1	0	18	18	14	9	6
22	10	4	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	1	4	3	2	3	3	1	2	1	2	2	0	4	9	8	12	7	4	4	3
24	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	3	5	1
25	3	4	4	2	4	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	5	3	0	0	15	15	15	1	13	24	9	22	16	18	****	6	6	6	4	4	3	3	3	3	8
28	3	3	3	5	4	3	3	3	3	4	4	3	3	3	3	3	3	3	4	3	2	2	3	8	3
29	3	1	1	4	5	3	5	6	5	2	1	1	1	1	1	1	2	2	5	8	3	2	1	2	3
MEAN	4	3	2	3	4	4	3	2	2	3	2	3	3	2	1	2	2	2	2	3	4	3	3	3	2.7

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	6	3	3	3	2	1	1	1	1	0	1	1	1	2	2	1	1	5	6	3	5	5	3
2	6	6	6	6	9	10	10	10	6	7	5	5	3	3	5	6	5	6	3	6	7	3	5	12	6
3	14	13	12	13	7	4	2	3	3	1	****	0	0	0	1	1	3	2	2	3	5	2	2	1	4
4	4	7	8	6	4	6	5	4	3	3	2	3	7	4	2	3	5	4	4	4	2	5	6	5	4
5	8	0	0	0	0	0	1	1	0	0	0	1	2	6	3	0	0	2	1	3	9	13	8	6	3
6	5	5	4	4	4	5	6	8	3	4	3	3	3	3	3	2	2	4	2	1	0	0	0	2	3
7	0	0	0	0	0	0	3	6	7	3	1	3	3	2	3	2	3	0	0	2	2	0	0	0	2
8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9	1
9	10	8	20	20	15	13	6	7	8	10	10	11	6	3	0	2	5	7	8	5	2	2	0	0	7
10	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0
11	0	1	1	3	****	****	****	****	****	****	****	****	****	****	****	****	2	2	4	6	6	9	2	1	******
12	4	7	7	7	4	1	0	1	2	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	2
13	0	2	1	0	0	3	1	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0
15	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
16	0	0	0	2	4	3	9	0	2	0	1	2	1	0	0	3	9	2	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	1	0	****	0	0	1	0	0	0	0	1	0	1	0	0	0	0
18	0	1	1	4	23	17	15	3	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	3
19	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	1	0	1	1	1	3	2	1
20	0	1	0	0	1	1	0	0	0	3	13	57	47	3	0	0	6	4	1	1	1	2	4	0	6
21	0	0	0	0	0	0	0	0	10	4	0	0	6	12	14	10	10	3	0	0	0	0	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	3	1	8	4	1	3	5	3	1	0	0	0	0	1	1	1	8	4	3	2
24	6	5	6	2	3	2	2	1	****	****	****	****	****	0	5	3	0	0	0	1	4	0	8	1	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12	4	3	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	2	2	1	0	1	1	0	1
27	0	0	0	0	0	0	0	0	5	13	27	16	1	6	4	2	6	13	4	5	3	3	2	16	5
28	13	1	2	23	25	11	2	4	4	3	2	1	0	0	0	0	0	0	0	0	4	1	0	0	4
29	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3	8	1	0	1	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	7	8	0	0	9	6	0	0	2
31	0	2	1	0	5	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
MEAN	3	2	2	3	4	3	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	1	2	2.3

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	8	22	7	0	0	1	1	0	0	0	0	0	3	6	3	8	9	3
2	3	0	0	0	0	1	1	4	5	17	7	2	5	24	22	15	12	5	2	4	0	0	0	0	5
3	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	9	1
4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	1	3	3	1
5	2	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	5	0	9	9	1
7	14	3	0	0	0	0	0	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	4	7	0	15	****	****	****	****	****	****	****	1	4	0	2	0	0	0	0	2
10	0	0	0	0	16	2	0	2	7	0	****	0	0	2	4	5	7	9	11	0	0	0	0	1	3
11	3	4	3	5	3	1	0	0	2	3	3	5	1	1	1	0	1	1	1	1	1	1	1	2	2
12	0	0	0	0	0	0	0	0	0	3	8	17	0	0	1	7	2	0	0	4	3	6	5	6	3
13	4	3	2	3	2	2	1	2	8	8	8	4	1	8	1	0	3	4	0	0	0	0	0	0	3
14	0	0	0	0	0	0	0	6	5	0	0	0	0	0	5	12	18	3	0	0	0	1	0	0	2
15	1	0	0	15	6	6	3	3	3	****	****	10	8	0	1	6	5	7	3	3	5	7	3	15	5
16	15	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	2	1	11	13	3	9	14	18	9	6	17	5	4	4	7	5
18	8	9	11	6	3	3	15	18	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
19	1	1	1	1	0	0	1	15	25	8	2	0	1	2	0	3	6	2	3	3	3	37	43	19	7
20	1	0	0	0	0	0	4	5	3	0	12	9	6	1	0	0	0	0	0	15	16	11	39	7	5
21	7	8	1	1	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	3	2	1	9	13	6	5	8	20	3	1	2	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	1	7	1	2	0	0	0	0	0	1
24	0	0	0	0	0	0	0	13	13	19	19	11	11	0	8	3	3	0	0	0	0	0	0	0	4
25	0	0	0	0	3	4	2	0	4	1	0	0	0	0	0	0	1	1	8	22	24	20	17	13	5
26	17	10	0	3	12	7	7	8	4	13	1	0	2	3	4	9	10	7	0	48	5	1	9	4	8
27	3	2	2	22	11	24	19	11	7	24	53	9	0	0	0	0	0	0	0	0	0	0	0	0	8
28	0	0	0	0	0	0	0	0	4	****	****	9	12	13	21	28	19	25	31	24	25	1	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0
30	0	2	9	0	0	0	27	4	2	0	29	20	19	4	0	6	14	5	0	0	0	0	0	0	6
MEAN	3	2	1	2	2	2	3	3	5	4	6	4	3	3	3	4	4	3	3	5	3	3	5	3	3.3

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	11	7	3	4	3	25	14	6	0	0	0	0	3	3	3
2	0	0	0	0	0	8	26	17	0	0	0	0	12	13	16	19	4	0	0	0	0	10	15	12	6
3	6	5	21	14	9	4	2	6	10	8	14	1	0	0	0	0	0	0	0	0	0	0	0	0	4
4	0	0	0	0	2	0	4	0	0	1	1	0	0	1	3	5	0	0	0	2	10	10	4	19	3
5	3	6	0	0	0	1	12	53	****	****	18	27	17	3	0	0	0	0	0	17	19	0	7	0	8
6	0	0	6	2	0	0	0	9	18	17	2	1	3	4	6	2	4	6	9	17	26	41	19	9	8
7	36	9	0	0	0	0	1	7	52	56	0	3	1	0	0	7	3	19	4	0	3	1	0	0	8
8	0	0	0	0	0	0	1	1	2	3	3	2	6	6	8	10	8	6	10	4	8	10	12	10	5
9	13	14	3	9	9	7	5	0	1	0	7	9	13	10	10	11	9	8	6	3	8	8	8	12	8
10	6	8	10	3	0	0	1	3	12	8	10	8	10	10	8	4	5	3	3	2	0	0	0	0	5
11	0	0	0	2	1	2	4	0	0	0	4	1	0	0	0	0	1	4	7	26	13	19	15	10	5
12	9	10	3	4	2	1	3	13	6	2	6	9	6	4	0	****	****	4	20	12	13	26	14	10	8
13	11	4	3	3	2	1	0	5	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
14	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	18	16	12	3
15	16	9	12	7	2	2	1	0	6	2	2	1	4	7	11	8	6	1	6	8	8	8	10	12	6
16	10	19	8	26	29	32	13	8	8	8	9	12	3	0	0	0	0	0	0	11	15	15	22	28	12
17	24	30	16	2	0	0	0	0	45	37	11	3	5	5	0	0	1	0	0	0	0	2	3	7	8
18	4	18	9	4	9	0	0	0	0	0	0	2	0	0	0	0	8	10	12	5	1	0	0	0	3
19	0	0	0	0	0	0	0	0	0	0	0	0	7	9	0	0	0	0	0	0	0	0	0	15	1
20	18	22	1	4	2	4	8	9	20	6	1	2	3	0	0	0	0	0	0	0	0	0	0	0	4
21	0	0	2	1	9	3	6	3	2	****	****	2	5	4	26	29	18	14	12	10	5	7	7	5	8
22	6	7	2	3	4	5	5	3	7	9	6	6	6	16	9	9	9	40	9	6	7	3	0	6	8
23	0	0	2	8	2	7	6	0	0	16	3	11	8	6	17	14	16	16	32	22	2	3	1	1	8
24	1	0	0	0	0	2	0	13	17	11	18	4	0	3	0	0	6	5	0	4	13	22	2	1	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	11	2	8	5	1	1	2	2	4	1	0	6	30	31	34	23	7
29	34	23	12	13	3	0	0	2	1	2	0	0	0	1	0	0	0	1	6	10	1	0	0	0	5
30	0	0	0	0	0	0	0	16	34	45	28	0	6	19	6	0	7	0	5	3	0	0	0	0	7
31	1	1	0	0	0	0	0	0	0	3	4	2	2	2	3	3	3	2	1	0	0	3	5	9	2
MEAN	6	6	4	3	3	3	3	5	9	8	6	4	4	4	4	5	4	5	5	5	6	8	6	7	5.1

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	8	6	19	34	21	13	18	1	0	9	9	13	12	9	10	5	4	5	5	4	3	1	6	9
2	0	1	6	0	3	7	20	8	16	8	6	0	1	6	4	6	6	7	1	0	0	3	18	15	6
3	20	14	1	6	8	0	0	0	3	5	1	0	0	0	0	1	1	7	13	1	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	9	9	10	10	2	0	0	0	2	11	7	4	5	2	4	11	4
6	26	46	5	10	38	13	3	2	29	2	2	2	4	2	6	2	0	0	0	0	1	1	8	0	8
7	0	0	0	2	0	1	0	0	0	1	4	0	0	3	1	1	2	0	0	1	0	0	0	0	1
8	0	0	0	0	0	6	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	4	12	10	****	****	7	9	5	5	4	5	12	6	9	10	7	9	4	5
10	0	0	0	0	0	0	0	1	0	4	2	5	5	1	0	6	12	0	0	3	11	7	10	16	3
11	7	2	0	1	0	0	0	0	0	2	2	3	6	6	5	5	4	10	16	19	1	0	0	0	4
12	0	0	0	0	7	9	6	4	9	12	2	2	0	2	9	9	2	2	5	10	3	4	4	17	5
13	24	20	24	24	6	2	1	5	5	6	7	6	6	6	6	7	7	9	14	19	7	13	8	9	10
14	10	5	6	6	11	29	16	8	7	8	9	7	4	3	4	19	10	16	19	19	26	20	12	0	11
15	0	0	0	0	0	0	0	0	0	0	3	8	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	****	2	0	0	0	2	2	2	2	1	10	27	68	27	13	7
17	16	17	19	17	26	19	10	6	6	11	5	7	6	9	8	12	9	11	9	6	0	0	19	31	12
18	17	21	12	0	2	5	7	7	7	20	9	3	2	2	0	0	0	2	18	2	11	2	3	3	6
19	1	1	1	2	1	1	1	2	13	8	10	2	2	2	3	2	8	6	2	3	25	28	4	0	5
20	0	0	0	0	0	3	0	0	0	0	0	0	3	8	2	3	1	0	0	1	0	0	0	7	1
21	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	26	12	14	15	6	3
22	8	8	12	24	16	14	7	2	2	2	1	1	1	2	0	0	1	2	2	2	0	0	0	0	4
23	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	2	2	4	2	3	4	3	0	0	0	0	0	0	0	0	0	0	6	18	1	0	0	0	0	2
30	0	1	2	1	1	0	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	4	5	3	4	5	5	3	3	4	4	3	2	2	2	2	3	3	4	5	5	5	6	5	5	3.9

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
2	0	0	0	0	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0	0	2	1	1	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	12	19	1
7	0	1	0	0	0	0	1	8	4	****	1	2	2	7	6	0	5	10	3	0	4	9	6	2	3
8	1	0	0	0	3	0	2	0	0	2	5	0	1	1	0	2	5	0	0	0	0	0	0	1	1
9	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3	5	0	0	0	0	2	3	2	0	1
10	0	0	0	1	2	7	1	2	1	2	5	4	2	4	5	6	3	5	4	6	4	1	2	2	3
11	5	6	1	7	16	16	9	9	7	6	7	9	14	9	7	5	4	0	0	0	0	0	0	0	6
12	2	2	0	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
13	0	0	1	1	1	2	3	1	3	2	2	0	0	0	2	0	0	3	2	2	13	19	16	14	4
14	26	22	14	16	15	9	8	5	5	4	5	6	7	6	5	5	5	4	3	7	8	12	11	2	9
15	2	0	0	11	15	8	10	13	0	6	8	6	-	****	****	6	9	4	6	6	14	14	12	9	8
16	23	21	7	4	7	8	0	0	3	0	0	0	0	0	0	0	5	0	1	0	2	1	1	1	4
17	1	1	8	7	0	0	1	1	3	6	8	1	0	0	0	0	5	2	6	1	1	4	7	38	4
18	25	31	13	5	24	13	6	9	11	7	5	0	2	4	2	3	1	2	13	13	15	23	4	10	10
19	4	7	2	13	15	27	7	1	1	0	0	1	2	3	3	5	6	10	14	1	1	1	15	7	6
20	9	9	12	14	7	14	9	6	4	3	5	8	7	7	0	3	10	2	9	8	0	0	0	1	6
21	0	0	0	0	0	0	2	6	10	0	0	1	2	0	0	0	0	0	0	3	0	0	0	1	1
22	0	0	25	14	2	28	41	30	18	13	19	17	10	8	13	8	6	2	3	0	0	1	4	5	11
23	12	16	42	25	11	7	0	2	3	1	2	2	5	2	0	0	0	0	0	0	0	0	0	0	5
24	0	5	41	32	65	23	5	0	1	2	****	****	4	3	5	3	6	1	5	23	14	11	7	23	13
25	9	30	22	18	10	6	5	5	3	7	7	3	8	14	6	6	4	5	7	****	3	3	5	2	8
26	2	3	6	2	4	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
27	2	2	2	0	0	2	4	0	0	1	2	2	2	0	0	4	7	0	0	2	1	1	1	1	2
28	0	1	3	2	2	1	2	0	0	0	0	0	0	1	****	0	****	****	0	0	0	0	0	0	1
29	0	0	0	0	1	5	2	4	0	0	****	****	0	1	0	0	0	0	0	0	3	1	5	2	1
30	21	23	19	19	20	19	4	12	8	7	5	9	14	12	17	12	14	10	****	****	17	11	17	15	14
31	26	18	15	25	23	24	5	3	3	1	9	8	12	11	9	8	7	10	15	15	14	16	7	5	12
MEAN	6	7	8	7	8	7	4	4	3	2	3	3	3	3	3	3	3	2	3	3	4	4	4	5	4.4

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	1	0	0	1	0	6	1	0	0	0	0	12	2	4	0	18	10	2
2	10	19	26	37	26	21	13	7	5	8	3	8	4	1	3	32	28	1	3	0	33	24	2	1	13
3	25	2	0	0	0	0	2	6	3	4	0	0	0	0	2	5	6	10	2	0	1	0	2	7	3
4	37	17	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	0	14	****	12	12	7	1	3	0	0	19	3	1	1	1	1	1	3
6	4	2	1	1	0	0	0	1	0	1	1	2	3	3	3	4	4	4	5	5	5	4	4	7	3
7	4	6	9	39	97	36	15	2	0	1	1	1	2	2	3	4	18	21	8	0	0	0	9	12	12
8	12	10	6	5	6	7	5	4	4	2	4	1	0	3	5	6	7	10	7	6	3	4	2	3	5
9	4	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
10	3	10	29	35	26	20	10	6	1	0	1	1	1	2	0	1	1	3	2	0	0	0	0	0	6
11	1	0	0	1	2	0	3	10	3	2	4	2	0	1	1	0	0	1	0	1	1	1	1	0	1
12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1	0
13	0	0	0	0	1	1	0	0	0	****	2	0	0	0	1	0	0	0	0	0	1	1	1	3	0
14	4	1	2	0	0	0	0	0	0	0	0	0	9	16	10	0	0	0	0	0	4	8	12	12	3
15	17	15	10	1	1	1	7	16	1	6	7	1	1	2	1	1	0	0	0	0	1	2	2	3	4
16	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	29	12	1	0	6	5	3	1	1	1	1	1	0	4	0	0	1	5	14	0	4
18	0	0	0	0	0	0	0	0	7	9	1	0	7	2	1	0	0	6	8	8	9	8	4	0	3
19	0	3	3	1	0	0	0	0	1	****	1	0	6	6	11	10	3	3	4	1	1	2	0	0	2
20	0	0	0	0	0	0	0	0	0	0	2	4	1	6	1	0	0	0	0	0	2	2	7	6	1
21	0	0	1	1	0	0	4	31	11	5	4	3	4	8	7	4	5	0	0	0	0	0	0	0	4
22	0	1	1	2	1	0	1	1	0	0	0	4	2	2	0	0	2	11	0	0	0	1	1	2	1
23	2	1	0	0	0	0	7	8	14	4	3	1	1	0	1	2	2	0	0	0	0	0	0	0	2
24	0	1	18	20	12	10	12	4	3	3	2	2	1	3	4	0	0	0	0	0	1	2	7	1	4
25	8	33	32	42	35	17	8	8	8	5	1	1	1	1	2	4	3	0	0	7	26	22	7	8	12
26	12	22	26	27	23	20	13	8	4	1	1	7	2	2	1	0	0	0	7	5	6	16	17	8	10
27	15	12	21	9	11	23	9	6	8	7	5	5	8	6	4	6	6	3	0	0	0	0	0	0	7
28	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	3	4	5	4	4	4	3	3	2
29	2	1	0	0	0	0	1	25	20	20	12	6	5	4	2	4	3	0	3	4	1	4	0	0	5
30	2	2	3	2	0	0	1	8	39	29	3	13	17	29	1	1	0	0	0	****	0	12	7	7	8
31	13	7	1	2	1	6	4	3	2	1	1	2	2	1	0	0	2	1	1	10	21	24	7	4	5
MEAN	6	5	6	7	9	6	4	5	5	4	2	3	3	3	2	3	3	3	2	2	4	5	4	3	4.2

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	1	1	3	4	1	0
3	13	2	13	20	7	2	1	0	0	0	1	1	1	1	2	0	0	0	0	2	7	4	2	6	4
4	2	8	0	1	0	15	22	9	3	1	3	10	3	16	21	0	0	4	4	0	0	0	0	0	5
5	0	0	0	0	0	5	4	5	5	6	4	4	4	3	3	4	2	2	3	4	7	8	15	13	4
6	11	15	1	8	9	6	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	4	9	3
7	10	3	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	8	2	4	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	1	1	1	0
10	1	0	0	0	0	0	1	1	1	1	1	-	-	****	****	7	2	4	3	4	5	7	5	5	2
11	7	7	9	6	3	4	3	6	4	3	2	1	1	1	1	2	2	1	4	1	0	0	0	0	3
12	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0
13	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0
14	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	7	1	1
16	0	16	9	0	0	1	0	0	0	0	0	0	0	****	0	1	2	7	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	4	2	1	1	1	1	2	1	2	0	0	3	5	9	1	1
19	7	1	1	2	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	1	0	1	0	0	1
20	0	0	0	0	0	1	1	0	0	2	2	1	5	5	4	6	7	7	3	5	29	16	1	4	4
21	1	0	0	0	0	0	0	0	0	23	17	11	29	4	0	0	2	24	17	1	4	1	0	8	6
22	21	26	11	0	1	1	5	7	8	4	4	2	2	3	4	2	2	2	2	8	5	2	2	1	5
23	1	31	33	27	37	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	6
24	0	0	2	1	1	0	0	9	26	****	66	8	1	2	1	0	0	0	0	5	30	9	4	3	7
25	0	1	0	0	0	0	0	0	11	35	33	26	27	15	11	11	0	0	0	0	0	0	0	0	7
26	0	0	0	1	6	5	9	7	4	5	7	7	7	8	1	1	1	1	0	2	4	2	2	3	3
27	1	2	2	1	1	2	12	3	2	2	5	3	4	7	6	4	5	4	0	2	0	1	3	5	3
28	11	4	2	14	27	15	15	3	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	4
29	4	4	2	1	0	0	0	0	2	14	30	21	8	19	16	1	0	0	1	1	1	5	7	2	6
30	3	6	7	2	5	5	4	3	1	****	****	7	4	6	4	8	5	4	0	2	5	4	1	0	4
MEAN	3	5	3	3	4	2	3	2	2	4	6	4	3	3	3	2	1	2	2	2	3	3	2	2	2.8

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	1	3	2	3	2	18	57	12	44	10	1	1	1	0	0	0	0	0	0	0	0	7
2	0	0	0	0	0	0	0	0	2	2	6	8	6	5	0	2	3	0	6	2	1	12	12	1	3
3	9	12	5	4	5	1	11	0	0	0	1	1	2	0	1	0	0	0	0	0	4	9	13	21	4
4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	1	0	1	1	0	0	0	1
5	0	0	0	0	0	0	0	0	0	2	2	5	4	5	6	6	8	12	7	12	8	1	3	2	3
6	1	1	2	2	8	8	4	6	1	4	3	1	0	0	0	0	1	4	2	0	0	0	0	0	2
7	0	0	0	0	0	0	0	****	0	****	****	****	3	5	5	2	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	2	6	4	3	2	6	6	6	4	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
10	0	3	12	9	6	9	0	0	0	0	0	0	0	0	2	13	27	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	0	2	0	10	11	12	1	6	4	5	11	10	18	5	6	0	10	11	5
12	13	14	14	11	9	4	3	2	1	5	0	0	0	0	1	1	2	0	0	0	0	0	0	0	3
13	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0
14	5	3	3	3	2	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	2	6	9	5	4	3	5	6	4	****	0	0	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	18	9	1	3	3	0	0	0	0	2	11	12	9	3	1	3
17	2	2	2	1	0	0	0	0	0	11	7	7	18	7	13	4	1	0	3	4	1	2	3	6	4
18	2	1	0	0	2	4	7	6	6	9	9	7	4	4	4	3	4	8	7	5	11	9	10	14	6
19	16	20	23	15	14	12	7	7	10	10	10	5	6	4	0	0	0	4	5	4	0	1	2	0	7
20	7	12	13	12	9	2	5	5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
21	0	0	0	2	8	9	8	3	****	4	6	8	10	10	11	13	19	8	1	0	3	4	4	1	6
22	0	2	2	2	2	1	2	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	3	5	10	8	3	0	0	0	0	0	1	2	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0
26	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	2	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	2	1	0
29	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MEAN	2	2	3	2	2	2	2	2	2	5	3	4	3	2	2	2	3	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	3	2	1	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	2	1	0	0	0	2	3	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	2	3	3	2	0	0	0	2	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
9	0	0	0	1	0	2	3	3	5	0	0	2	1	0	0	0	1	0	0	0	0	2	0	0	1
10	2	2	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	1	5	7	4	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	2	0	0	0	0	0
14	0	0	0	0	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	1	0	0	0	0	2	2	2	1
24	1	0	0	1	1	0	0	0	1	0	0	0	0	2	6	4	1	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	22	11	1	0	0	0	0	0	1	2	3	1	0	0	0	2
28	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0
2	1	2	7	11	2	0	3	0	0	0	****	3	5	2	2	0	0	0	5	1	0	0	2	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	2	3	5	3	2	0	1	3	2	2	1	0	0	0	0	0	1	0	0	1
5	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	1	1	2	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	10	13	4	0	0	0	0	0	0	0	3	2	1
8	2	0	0	0	0	0	0	0	1	1	0	1	2	1	2	0	0	0	0	2	2	2	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	2	0	****	0	7	6	1	1	1	3	0	0	0	0	0	0	1
13	0	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
22	0	0	0	0	0	0	0	1	2	2	2	2	2	2	3	4	2	0	1	0	2	2	2	0	1
23	0	0	0	1	0	0	0	0	1	9	5	2	1	1	1	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	0	1	1	2	2	1	3	1	0	1	2	0	0	0	0	1
29	0	0	0	0	0	0	0	0	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.5	4	28
FEB	29	2.7	9	29
MAR	30	2.3	7	57
APR	30	3.3	10	53
MAY	31	5.1	12	56
JUN	29	3.9	12	68
JUL	30	4.4	14	65
AUG	31	4.2	13	97
SEP	30	2.8	7	66
OCT	31	2.2	7	57
NOV	30	0.3	2	22
DEC	30	0.4	2	13
YEAR	362	2.8	14	97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	717	14	1	1	0	0	0	0	733
FEB	638	34	6	2	0	0	0	0	680
MAR	694	25	4	1	1	0	0	0	725
APR	633	50	14	7	1	0	0	0	705
MAY	621	79	16	18	3	0	0	0	737
JUN	618	59	13	7	1	0	0	0	698
JUL	619	68	20	9	1	0	0	0	717
AUG	657	46	18	18	1	0	0	0	740
SEP	659	29	12	9	1	0	0	0	710
OCT	691	39	3	1	1	0	0	0	735
NOV	712	1	1	0	0	0	0	0	714
DEC	726	2	0	0	0	0	0	0	728
YEAR	7985	446	108	73	10	0	0	0	8622

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.2	0	0.0	0.0	0.0	1.6	8.0	13.0	21.2	26.7	97	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	4	4	5	5	6	6	3	3	2	3	3	4	4	3	3	3	4	4	3	3	3	3	4
2	2	2	2	3	3	3	2	3	3	3	3	3	1	1	1	1	1	1	2	2	2	1	2	2	2
3	2	3	2	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	4	3	2	2
4	0	0	0	0	0	0	0	0	0	2	2	3	1	2	2	1	2	2	2	2	3	4	5	9	2
5	3	2	1	1	2	3	2	1	1	3	3	3	1	2	1	2	2	2	3	4	3	3	2	3	2
6	2	2	2	2	2	2	1	1	2	1	1	1	1	****	2	3	5	5	4	4	4	4	4	3	3
7	3	3	4	3	4	5	5	5	6	5	5	5	8	2	6	5	5	4	5	6	3	4	4	3	5
8	4	4	4	4	4	2	2	2	4	4	4	4	5	5	4	4	5	3	4	7	10	18	10	5	5
9	15	46	58	44	16	12	20	36	7	9	9	9	7	7	3	1	0	1	1	1	1	0	8	6	13
10	13	21	13	12	15	3	2	4	6	2	2	2	2	4	1	1	1	1	1	4	10	14	14	14	7
11	23	24	11	1	2	3	4	3	2	13	25	25	8	7	2	1	0	0	2	15	7	6	8	2	8
12	11	6	29	16	18	15	4	5	6	4	4	3	2	0	1	1	5	10	0	5	1	1	9	6	7
13	6	1	17	5	8	6	1	0	0	1	1	2	3	1	0	0	0	0	3	2	0	3	3	9	3
14	2	5	1	8	2	2	7	8	0	1	1	1	4	1	1	3	1	1	1	1	4	1	1	1	2
15	5	5	4	2	0	1	9	8	4	****	****	****	1	4	6	6	6	6	8	6	1	1	0	0	4
16	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	2	4	5	8	8	1
17	4	2	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	2	11	9	2	2	1	1	2
18	1	1	2	17	17	9	8	8	4	6	5	4	****	****	****	****	****	****	****	****	****	****	****	****	******
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22	****	****	****	****	****	****	****	****	****	12	3	6	4	2	9	3	6	0	0	1	1	5	8	9	******
23	2	0	0	0	0	0	0	1	2	****	5	8	7	8	8	8	10	11	3	4	1	0	1	1	3
24	1	2	2	1	0	0	0	0	1	1	0	1	0	0	0	0	1	1	0	12	13	23	2	1	3
25	0	2	1	2	2	9	1	2	9	4	0	5	5	0	5	1	1	0	1	1	1	8	1	1	3
26	1	1	5	2	0	1	1	0	0	0	0	4	1	0	0	1	3	0	0	0	1	0	5	4	1
27	5	4	1	2	1	0	0	2	1	2	1	1	2	1	2	6	5	4	7	8	10	3	4	4	3
28	4	8	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	1	1	1	1	0	0	0	0	0
30	1	1	1	0	0	0	0	0	1	0	0	0	0	****	1	1	0	1	1	0	0	0	1	2	0
31	1	0	3	4	5	4	5	5	1	1	0	2	1	2	2	1	1	2	2	2	0	1	1	0	2
MEAN	4	5	7	5	4	3	3	4	2	3	3	4	3	2	2	2	2	2	3	4	3	4	4	4	3.5

PERCENTAGE OF DATA VALID - 86.7 PERCENTAGE OF DATA INVALID - 13.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1
2	1	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	1	1	0
3	1	1	1	1	1	1	2	1	1	1	1	0	0	1	0	0	0	0	0	0	1	1	4	6	1
4	1	1	0	0	1	2	0	0	0	2	2	2	1	2	0	1	1	1	2	2	1	2	0	1	1
5	1	1	1	1	1	1	0	0	0	0	0	0	0	****	1	2	6	5	5	5	4	4	5	3	2
6	3	3	4	4	5	5	6	6	7	6	6	6	8	2	5	6	6	5	5	6	3	3	4	4	5
7	4	4	4	4	3	3	3	2	4	4	4	4	4	5	4	5	5	3	5	6	12	19	12	5	5
8	15	41	52	42	17	13	21	33	10	10	9	8	9	8	4	2	0	0	1	1	0	4	11	8	13
9	13	21	13	15	16	3	4	6	7	3	3	3	2	3	4	0	0	0	0	1	3	11	11	15	7
10	22	24	11	1	3	3	4	3	3	13	25	27	8	8	3	1	1	0	2	14	8	8	8	3	8
11	14	6	30	15	19	13	4	6	6	6	5	3	3	0	2	3	7	12	3	7	3	4	10	5	8
12	7	0	14	5	5	5	3	0	0	0	1	2	3	2	0	0	0	0	2	1	0	4	3	9	3
13	2	5	2	8	3	1	6	6	0	0	0	0	4	2	2	4	2	2	3	2	3	1	1	2	3
14	6	6	5	2	2	2	11	9	4	****	****	0	3	6	9	8	10	9	9	7	3	2	0	0	5
15	0	0	0	2	1	1	3	3	2	1	2	3	4	2	4	1	1	1	2	5	7	7	13	8	3
16	4	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	12	8	2	1	0	0	1
17	2	1	0	0	0	0	1	1	0	1	1	0	0	0	1	9	18	2	1	2	2	6	8	3	2
18	3	4	4	17	17	9	10	8	5	8	6	5	2	4	****	0	0	0	0	0	0	0	0	0	4
19	0	0	0	0	0	0	0	0	0	0	0	0	4	****	7	6	19	12	16	12	11	6	5	6	5
20	2	3	3	4	2	5	1	1	2	1	1	4	10	29	8	3	2	2	2	9	22	5	16	36	7
21	8	7	4	18	18	5	2	2	2	2	2	1	1	1	0	1	1	2	2	2	24	23	19	19	7
22	12	6	1	2	2	2	4	3	2	3	2	3	3	2	2	2	2	2	2	1	1	2	2	2	3
23	1	1	1	1	1	2	8	8	1	6	4	4	5	4	2	3	0	0	3	8	8	4	12	12	4
24	12	9	1	1	0	0	1	0	1	1	3	2	1	4	1	1	1	0	0	2	0	1	5	8	2
25	3	5	5	3	5	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	6	4	1	2	1
27	2	1	3	1	1	1	1	3	8	42	49	39	8	40	7	2	1	1	1	2	2	2	2	2	9
28	2	2	2	5	3	2	2	4	5	4	4	2	2	2	2	2	3	3	3	6	6	6	9	5	4
29	5	4	4	6	10	10	10	10	9	2	1	1	0	1	0	0	0	0	0	0	7	1	0	0	3
MEAN	5	6	6	5	5	3	4	4	3	4	5	4	3	5	2	2	3	2	3	4	5	5	6	6	4.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	8	10	0	2	2
2	7	9	7	9	5	22	11	7	4	5	5	5	2	2	2	5	1	6	8	1	2	13	4	0	6
3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	4	1	1	1	0	1	3	3	0	1
4	0	5	3	0	3	4	1	1	2	1	1	3	12	5	2	3	8	2	2	5	9	4	8	17	4
5	15	2	0	0	0	0	0	1	0	0	0	1	2	3	2	0	0	0	0	1	12	19	13	11	3
6	2	0	0	0	0	0	1	6	1	0	0	0	2	2	2	0	0	9	1	0	3	15	14	12	3
7	0	0	0	1	1	0	0	5	0	****	1	1	0	1	2	1	2	0	0	1	1	0	0	0	1
8	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	10	1
9	9	11	6	4	10	16	9	4	12	10	7	7	4	3	0	2	6	2	2	2	1	3	22	19	7
10	24	11	0	20	15	13	0	0	0	0	****	1	2	2	1	3	4	0	0	0	3	0	2	1	4
11	4	1	0	6	3	0	0	0	0	0	0	0	0	0	3	9	11	14	19	20	19	14	17	12	6
12	11	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	1	1	0	0	2	1	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
15	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	4	0
16	1	0	0	4	8	9	17	14	5	1	1	3	2	0	1	3	7	2	0	0	0	0	0	0	3
17	0	0	0	0	0	0	0	0	4	4	2	0	2	5	0	0	0	0	1	0	2	0	20	45	4
18	22	29	21	14	31	29	21	3	0	1	1	1	1	2	2	1	1	2	1	2	2	1	2	2	8
19	0	0	0	0	0	0	1	0	1	2	3	5	1	0	1	3	1	5	3	2	1	1	1	1	1
20	0	1	1	0	0	2	0	0	0	4	22	68	48	2	0	0	6	3	0	0	0	0	6	0	7
21	0	0	0	0	0	0	0	0	0	19	8	0	0	6	19	22	14	12	5	0	0	0	0	0	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	3	2	13	10	8	4	6	4	4	3	0	0	0	0	0	2	8	2	7	3
24	1	5	5	9	9	11	4	5	1	1	1	0	0	0	3	0	0	0	3	6	0	12	0	2	3
25	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	6	20	8	4	0	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	0	0	1	2	6	3	1	0	1
27	0	0	0	0	0	0	0	0	8	19	36	20	1	4	2	1	4	6	6	4	4	3	4	18	6
28	4	0	12	19	43	21	30	3	2	5	2	0	0	0	0	0	0	0	1	1	5	2	2	1	6
29	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	2	8	3	0	2	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	9	5	9	0	0	11	5	0	0	2
31	1	3	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
MEAN	3	3	2	3	4	4	3	2	3	2	3	4	3	2	2	2	2	3	2	2	3	4	4	5	3.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	8	23	10	0	0	0	4	4	4	0	0	1	12	18	31	5	9	5
2	16	14	12	22	18	7	6	5	18	20	10	2	5	20	23	13	11	9	9	11	2	1	0	1	11
3	0	1	1	0	1	2	0	0	1	1	1	0	0	0	0	1	1	0	0	0	2	2	2	12	1
4	12	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	16	4	1	1	2
5	0	0	5	3	0	3	3	1	2	0	1	1	2	1	1	2	1	0	0	0	0	0	2	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	3	0	11	11	1
7	17	4	0	0	0	0	0	3	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	2	4	0	18	27	8	24	16	5	7	1	8	4	0	1	0	0	1	2	5
10	1	0	0	0	9	1	0	6	10	4	3	0	0	2	5	****	7	11	18	12	0	0	0	1	4
11	9	2	2	1	6	11	16	12	5	3	5	12	4	4	2	2	2	3	1	2	2	2	2	1	5
12	1	1	1	1	2	2	0	1	0	3	10	19	0	0	2	5	2	0	0	3	4	4	1	9	3
13	2	1	1	7	1	5	5	4	6	4	7	5	5	7	2	3	4	9	4	1	0	1	0	1	4
14	0	0	1	1	1	0	2	7	6	0	0	0	0	0	1	4	21	5	1	****	****	3	1	2	3
15	3	2	2	13	1	2	1	0	5	6	5	8	11	0	0	3	2	2	1	0	0	0	2	2	3
16	1	5	6	1	0	0	0	0	0	****	1	3	2	3	4	1	1	1	2	0	1	2	1	1	2
17	0	0	1	1	1	1	0	0	1	2	3	11	28	0	11	15	14	5	6	7	4	1	1	14	5
18	5	1	0	2	8	10	12	39	12	8	5	0	1	1	1	1	0	1	0	0	0	0	1	1	5
19	3	3	3	2	1	0	1	2	25	7	2	1	5	6	2	5	8	6	1	4	4	7	8	25	5
20	19	4	28	39	35	21	24	2	9	3	9	18	11	1	1	0	0	1	1	5	11	5	6	1	11
21	1	11	2	1	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	1	2	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	4	2	5	17	0	1	5	2	1	2
23	0	0	0	0	0	0	0	0	0	0	0	2	2	3	4	3	7	3	2	0	0	0	0	0	1
24	0	0	0	0	0	0	1	15	17	15	13	6	10	0	5	2	4	0	0	0	0	0	0	0	4
25	0	0	1	0	4	4	4	0	4	1	0	0	0	0	0	0	1	1	13	14	18	4	0	4	3
26	1	8	0	1	1	5	12	3	1	8	1	1	5	6	9	13	18	7	0	6	2	5	29	35	7
27	70	32	44	20	41	29	13	2	3	19	43	12	0	0	0	0	0	0	0	0	0	0	0	0	14
28	0	0	0	0	0	0	0	0	1	0	5	9	11	14	18	27	16	18	19	15	27	0	0	0	8
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	0
30	0	3	12	0	0	0	27	4	4	0	30	16	16	5	0	6	9	5	0	0	0	0	0	0	6
MEAN	5	3	4	4	4	4	4	4	6	5	6	5	5	3	4	4	5	3	3	3	4	3	3	5	4.1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	10	4	1	1	16	11	5	0	0	0	0	0	2	4	2
2	0	0	0	0	0	9	14	22	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6	****	****	****	****	****	****	****	****	****	10	1	0	4	5	7	0	3	4	9	5	8	16	14	28	******
7	26	39	0	0	0	0	2	12	27	36	0	0	0	0	0	5	4	7	5	4	1	9	12	13	8
8	17	19	13	19	12	8	5	6	7	5	4	9	15	13	12	16	14	5	7	2	7	13	23	12	11
9	16	17	21	5	6	9	7	5	5	4	15	14	19	6	12	21	15	4	5	8	4	4	2	3	9
10	1	1	0	0	1	2	3	6	13	10	13	7	9	10	12	10	11	1	0	18	20	0	0	0	6
11	1	1	0	2	1	4	1	0	1	4	9	20	10	20	23	25	14	1	6	7	9	20	21	7	9
12	2	4	4	4	4	3	11	16	14	6	12	14	12	9	4	2	2	4	17	12	5	20	5	0	2
13	1	4	0	1	1	2	0	0	****	0	0	0	3	0	0	0	0	0	0	0	0	12	9	5	2
14	12	7	3	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	25	11	1	6	4
15	8	5	8	5	2	4	3	2	5	4	3	4	8	10	16	6	7	12	5	6	2	4	2	4	6
16	6	2	4	4	5	3	5	15	13	9	13	15	4	1	1	2	2	3	4	17	21	17	41	27	10
17	15	10	16	4	0	1	1	2	25	32	6	2	5	6	1	2	2	0	0	1	0	15	1	3	6
18	8	12	2	4	49	17	0	0	0	0	1	2	0	4	2	9	8	3	2	3	0	0	0	0	5
19	0	1	0	0	1	0	0	0	0	0	0	0	0	10	5	1	0	0	0	0	1	0	0	7	1
20	31	16	5	2	0	2	9	8	14	5	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4
21	3	7	36	1	21	19	6	7	7	5	6	4	7	10	27	8	18	15	7	6	8	7	7	6	10
22	6	7	11	8	9	5	3	7	13	7	6	9	12	16	9	10	16	72	2	1	4	1	7	13	11
23	0	2	56	21	11	10	1	4	4	20	2	18	4	4	9	13	25	15	46	4	1	7	2	2	12
24	1	0	0	0	1	1	0	26	4	10	16	2	0	2	1	1	5	0	15	73	32	4	0	0	8
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	3	3	2	0
28	0	0	0	0	0	0	1	0	12	3	5	4	1	2	6	2	9	3	1	15	70	54	52	12	11
29	17	18	18	63	5	0	0	1	0	1	1	1	2	2	1	1	0	0	4	7	0	0	0	0	6
30	0	0	0	0	0	0	0	19	33	33	18	0	4	21	1	2	7	0	3	1	0	0	0	0	6
31	1	1	24	40	8	21	30	18	13	2	3	5	7	18	12	10	12	8	13	2	16	10	18	17	13
MEAN	6	6	8	7	5	5	4	7	8	7	5	5	5	6	7	6	7	6	6	7	9	8	8	6	6.4

PERCENTAGE OF DATA VALID - 87.2 PERCENTAGE OF DATA INVALID - 12.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19						
1	7	7	12	21	31	13	7	4	1	0	13	3	10	8	1	9	5	2	5						
2	0	1	5	0	3	3	16	6	14	2	7	1	-	****	4	3	7	5	0						
3	13	8	0	1	0	0	0	0	2	3	1	0	0	0	0	1	2	13	10	1	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	2	6	10	14	2	0	0	0	1	10	6	3	7	10	5	10	4
6	25	15	37	19	20	34	4	5	3	9	1	0	2	2	5	1	0	0	0	0	0	2	7	24	9
7	0	23	0	13	0	0	0	0	0	1	6	0	0	4	7	3	10	16	13	6	0	0	6	0	5
8	0	0	1	16	10	12	9	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
9	0	0	0	0	0	0	2	13	7	****	4	6	19	4	2	5	10	41	19	5	4	4	2	3	7
10	0	0	0	0	0	0	0	1	1	4	5	8	8	2	1	10	20	3	0	10	7	7	12	9	5
11	5	1	1	1	0	0	0	0	0	3	2	6	2	14	23	5	11	11	24	19	4	7	1	0	6
12	0	0	0	0	8	16	5	12	13	4	3	4	1	2	31	10	4	7	6	7	12	21	14	4	8
13	1	2	9	8	43	32	10	3	6	16	18	13	4	6	4	5	10	6	4	4	53	68	87	25	18
14	****	2	0	10	16	21	13	10	19	7	7	11	4	1	3	39	7	19	9	20	30	50	7	0	13
15	0	0	0	0	0	1	0	0	0	0	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	1	0	0	0	1	1	0	-	-	-	-	-	-	-	-	-	-	-	-	******
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	3	4	4	6	8	8	4	4	5	4	5	4	4	3	5	6	6	9	6	5	8	12	10	7	5.8

PERCENTAGE OF DATA VALID - 51.1 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 48.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	****	7	25	23	21	23	32	23	28	30	25	42	34	27	******
16	9	8	12	7	16	12	2	2	4	2	2	2	3	3	3	3	8	2	3	3	5	4	4	4	5
17	6	10	24	6	7	1	3	4	7	9	8	2	1	1	2	2	4	4	7	4	46	59	40	2	11
18	32	9	30	21	3	10	7	12	10	9	9	4	10	10	9	7	5	4	13	18	18	16	40	21	14
19	26	6	42	23	13	19	26	14	17	6	10	9	6	7	7	9	10	15	5	28	9	10	14	18	15
20	19	7	25	33	25	23	5	7	13	10	16	16	11	11	28	8	11	4	13	25	3	3	4	5	14
21	4	4	3	3	3	4	4	10	20	4	4	4	4	2	2	2	2	2	2	4	2	2	2	2	4
22	8	4	27	12	73	11	15	6	4	7	8	7	11	10	3	5	4	2	3	4	6	4	6	10	10
23	5	13	11	12	14	11	3	6	3	4	6	5	12	5	4	3	3	2	2	3	2	2	3	6	6
24	13	79	8	12	5	17	12	3	6	6	****	3	6	10	13	12	15	3	6	23	26	22	18	4	14
25	15	3	4	5	4	5	7	7	8	21	24	5	7	29	6	5	5	3	3	13	10	3	4	3	8
26	13	9	9	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
27	1	2	2	0	0	1	1	0	2	1	1	2	1	1	1	3	4	0	0	0	0	0	0	0	1
28	3	4	3	6	5	2	1	1	2	3	1	4	8	3	1	0	0	0	0	0	0	0	1	0	2
29	2	11	10	0	21	17	0	4	0	0	0	9	19	7	0	1	0	0	0	10	20	0	6	21	7
30	2	3	8	8	3	9	13	4	6	6	6	7	8	4	11	9	9	10	16	12	7	13	22	24	9
31	2	10	16	6	6	5	4	4	4	6	10	7	12	13	15	10	16	21	7	15	18	38	32	16	12
MEAN	10	11	15	10	13	9	7	5	7	6	7	6	9	8	8	6	8	6	6	11	12	13	14	10	9.0

PERCENTAGE OF DATA VALID - 53.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 46.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	36	1	4	4	5	5	5	5	5	5	5	8	4	1	0	17	15	12	36	58	2	21	8	11
2	9	10	10	71	3	7	5	7	11	8	11	13	12	9	16	25	18	54	40	6	11	55	17	9	18
3	26	40	10	4	4	5	7	11	8	7	5	4	3	4	6	10	7	4	41	80	1	0	3	15	13
4	2	2	4	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	2	0	0	0	0	0	0	12	7	3	8	3	3	5	0	0	9	3	1	3	1	1	0	3
6	2	9	3	1	1	3	2	2	2	3	4	4	3	5	5	6	6	6	4	6	6	8	11	9	5
7	5	5	5	130	213	33	4	****	****	14	14	15	11	11	12	15	17	24	12	47	14	34	5	12	30
8	13	10	16	22	9	20	23	13	12	11	16	13	15	12	12	13	13	13	19	17	24	29	20	21	16
9	11	13	23	19	8	9	9	9	10	10	10	10	8	9	8	8	8	8	7	7	8	10	10	10	10
10	10	86	35	53	22	40	34	7	3	7	8	10	6	7	9	9	10	5	3	4	4	5	5	4	16
11	3	4	4	4	5	5	8	7	2	3	5	2	1	3	****	2	1	2	3	3	3	3	4	6	*
12	4	4	4	4	5	6	8	10	10	10	10	11	9	10	10	8	13	8	26	19	8	14	3	4	9
13	4	4	5	6	7	7	4	5	4	5	5	4	5	4	5	5	5	4	5	7	7	11	19	5	6
14	10	6	11	5	6	3	3	3	3	4	4	11	11	12	9	3	3	3	5	45	13	17	8	16	9
15	21	14	11	2	3	3	4	4	5	7	4	4	4	6	6	6	7	7	8	9	4	4	4	4	6
16	4	4	4	4	4	4	5	5	4	4	3	3	3	3	3	4	4	4	4	5	5	5	2	2	4
17	3	3	3	6	47	4	0	1	3	7	7	10	5	4	5	4	3	4	3	6	7	23	10	5	7
18	4	4	2	3	4	4	5	5	12	8	1	1	4	4	2	2	2	4	15	12	14	5	2	15	6
19	9	3	11	7	1	0	1	4	4	4	1	1	5	****	3	7	2	4	3	2	2	4	0	0	3
20	0	0	1	0	0	0	0	0	0	0	5	4	1	7	1	1	0	1	1	1	4	4	9	5	2
21	0	0	0	1	1	1	2	23	9	4	3	2	3	7	8	5	5	0	0	0	0	0	0	0	3
22	0	0	1	1	1	1	3	1	0	0	1	7	3	1	0	0	1	5	0	0	1	1	2	4	1
23	3	2	1	0	0	2	5	12	15	7	2	1	3	1	5	5	1	0	1	1	1	0	0	0	3
24	2	3	21	53	36	10	13	10	3	6	7	1	2	7	3	0	0	1	2	3	6	13	52	63	13
25	40	24	30	35	21	10	7	4	9	4	8	4	5	9	10	17	12	33	40	52	27	21	35	24	20
26	17	13	6	4	5	7	4	2	2	2	5	1	1	3	1	3	3	3	1	3	3	9	14	7	5
27	30	27	19	14	14	2	13	13	8	8	6	7	5	7	5	8	13	1	0	0	0	0	0	0	8
28	0	0	0	0	0	0	0	0	0	0	3	3	1	2	0	2	2	4	3	4	3	3	2	2	1
29	1	0	0	0	0	0	0	27	13	13	7	3	4	3	1	5	5	0	2	1	0	1	0	0	4
30	0	1	1	0	0	0	0	9	27	18	3	10	14	14	3	3	0	2	1	****	15	1	2	10	6
31	15	7	6	10	18	4	3	3	6	7	3	5	3	2	1	1	9	1	0	13	13	2	11	9	6
MEAN	8	11	8	15	14	6	6	7	7	6	5	6	5	6	5	6	6	7	9	13	9	9	9	9	8.0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	12	14	10	****	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	1	1	1	1	1	1	1	1	1	****	1	1	1	0	0	7	10	3	1	2	2
3	4	1	7	5	11	18	4	1	1	1	1	1	4	3	3	4	2	1	1	1	2	7	7	12	4
4	11	5	14	7	2	3	2	14	19	7	1	1	2	8	3	10	15	0	0	4	2	0	1	0	5
5	0	2	4	2	4	13	19	3	4	6	7	10	10	7	7	5	1	0	1	3	7	8	13	8	6
6	26	14	13	23	1	19	12	8	1	3	7	4	4	3	1	1	2	0	0	1	0	1	0	2	6
7	7	18	10	4	1	2	4	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	2
8	0	1	0	0	1	0	0	0	0	0	0	1	2	3	2	3	1	0	1	8	14	17	12	5	3
9	10	2	3	0	0	0	0	0	0	0	0	0	0	0	3	7	4	7	3	3	2	0	1	0	2
10	2	2	3	3	2	3	3	4	4	2	2	0	1	2	3	3	5	4	2	4	7	12	6	4	3
11	-	-	-	-	-	-	-	-	-	14	7	5	6	6	6	6	6	9	4	1	2	1	1	1	******
12	2	2	2	2	2	2	2	2	2	1	2	2	4	3	2	2	2	1	2	3	3	3	2	2	2
13	1	2	2	2	2	2	3	3	2	2	3	4	3	4	2	3	3	4	4	3	3	4	4	4	3
14	7	10	2	3	3	3	1	2	1	2	3	2	2	2	1	1	2	2	2	3	3	2	3	3	3
15	3	3	3	2	2	2	2	0	0	0	0	0	1	1	2	2	2	11	19	14	12	17	13	7	5
16	10	14	8	0	0	12	9	2	2	4	4	4	2	2	5	6	7	7	0	0	0	0	6	0	4
17	2	2	2	2	2	3	2	2	2	6	4	6	3	10	9	5	3	2	3	4	4	2	1	2	3
18	1	1	1	1	1	1	2	1	0	3	4	3	3	6	4	5	7	10	17	16	13	10	7	19	6
19	14	8	2	11	11	5	6	4	****	7	4	6	4	3	3	3	3	3	5	6	5	5	4	4	5
20	0	0	0	0	1	2	2	2	2	8	5	2	9	7	7	4	14	8	8	13	27	3	1	2	5
21	3	3	2	2	2	2	2	2	2	18	16	10	19	5	0	2	2	15	13	2	3	2	2	19	6
22	16	21	7	1	1	1	6	11	6	5	5	4	3	7	4	2	2	3	4	7	4	1	1	1	5
23	2	27	20	45	18	5	2	5	6	5	3	2	4	4	2	2	0	0	1	0	0	0	1	1	6
24	1	0	2	2	1	2	2	5	14	16	10	6	1	3	3	2	0	0	0	4	16	3	1	0	4
25	0	1	0	0	0	0	0	0	13	26	25	18	21	15	7	3	0	0	0	0	1	1	0	0	5
26	0	0	0	1	5	4	10	3	5	****	****	12	10	14	4	5	5	4	4	18	19	12	6	8	7
27	7	8	7	6	6	6	7	5	5	7	5	4	7	10	10	8	9	6	17	7	24	15	4	24	9
28	16	4	0	13	24	18	21	1	1	3	2	3	3	5	1	1	1	0	0	0	0	0	0	0	5
29	4	3	2	0	0	0	0	0	0	12	25	16	4	13	11	1	1	1	2	4	47	21	24	15	9
30	2	0	2	4	4	3	3	3	6	9	14	14	6	4	7	6	7	4	1	2	6	4	1	0	5
MEAN	5	6	5	5	4	5	4	3	4	6	6	5	5	5	4	3	4	3	4	5	8	5	4	5	4.6

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	3	5	3	4	2	3	20	49	2	25	4	10	10	12	30	17	53	22	0	2	3	8	12
2	11	0	0	0	0	0	1	1	16	2	10	9	7	8	1	4	12	34	6	19	23	8	18	17	9
3	12	12	23	25	16	13	8	0	****	0	0	0	****	****	****	****	****	****	****	****	****	5	8	13	******
4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	5	1	0	0	9	11	19	6	3
5	0	0	0	0	0	0	4	13	9	5	7	4	3	4	8	6	2	0	3	0	4	30	18	27	6
6	31	18	18	13	12	2	19	10	7	4	5	1	0	0	1	3	2	2	1	4	3	0	2	4	7
7	2	6	2	0	3	1	0	0	0	5	7	6	5	6	6	7	9	13	5	3	1	0	0	0	4
8	0	0	0	10	7	0	0	0	8	5	7	6	4	4	7	8	19	8	4	8	1	0	0	0	4
9	-	-	-	-	-	-	-	-	-	-	-	0	0	0	2	1	1	1	1	2	1	1	1	1	******
10	0	23	20	8	6	10	21	10	1	1	1	2	6	2	3	10	22	0	0	0	0	0	0	1	6
11	1	1	1	1	1	1	1	1	1	9	16	3	1	11	6	3	4	10	19	5	10	10	13	2	5
12	1	6	8	6	0	1	0	0	1	4	0	0	1	2	2	3	4	2	1	1	0	0	1	2	2
13	2	1	1	1	1	0	1	1	2	1	1	0	1	1	2	2	2	2	3	3	1	1	2	1	1
14	1	1	1	1	1	2	2	9	4	4	0	2	1	1	1	2	1	0	2	2	0	0	0	0	2
15	0	0	0	0	0	0	4	13	10	0	3	4	7	5	2	2	0	1	2	3	4	4	5	5	3
16	3	2	2	1	1	1	1	1	****	19	6	0	5	4	0	1	0	8	8	24	20	25	5	2	6
17	4	5	3	3	3	3	3	2	3	11	9	10	21	9	16	6	3	2	9	8	5	8	40	10	8
18	27	24	13	19	24	9	6	7	15	12	13	19	14	18	10	8	10	4	5	4	27	10	19	17	14
19	12	9	2	7	9	6	6	12	15	18	17	5	9	10	0	0	0	10	12	5	0	4	10	0	7
20	9	12	7	22	14	2	6	7	1	1	2	0	2	3	2	1	1	2	2	2	3	5	14	37	7
21	0	4	0	8	13	14	20	21	12	13	7	16	6	****	10	4	7	18	0	0	12	7	3	5	9
22	5	1	1	2	0	2	4	3	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1
23	1	1	1	0	1	0	1	2	0	0	0	1	1	1	2	2	2	2	2	0	0	1	3	4	1
24	4	5	7	1	1	0	1	2	7	1	7	8	2	0	0	0	0	0	0	2	0	1	0	0	2
25	1	1	1	2	1	0	0	0	1	1	1	2	3	2	4	0	0	1	3	2	0	0	0	0	1
26	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	7	2	0	1	1
27	1	1	1	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	1	1	0
29	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	3	1	1	1	1	0	1	3	1
30	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
MEAN	4	5	4	5	4	2	4	4	5	6	4	4	4	4	3	3	5	5	5	4	4	4	6	5	4.3

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	2	1	1	3	1	1	1	2	4	4	3	2	3	3	2	1	1	1	2	2
2	1	1	1	1	1	1	1	1	5	2	1	1	2	1	1	1	1	2	3	4	3	2	3	3	2
3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	2	3	4	5	4	4	1
4	2	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	2	1	0	1	1	3	1	2	2	0	3	2	3	3	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	2	4	1	0	0	0	2	3	2	1
8	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
9	0	1	0	1	1	2	4	5	7	0	0	2	1	2	0	0	1	1	1	0	1	2	0	0	1
10	0	0	2	0	2	2	6	4	5	5	2	4	3	2	1	1	2	3	3	4	3	2	5	3	3
11	1	4	10	1	1	3	2	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1
12	1	1	1	1	1	1	2	2	1	1	1	2	2	7	/	4	4	6	2	2	2	1	2	2	2
13	4	3	1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
14	0	0	0	1	0	1	1	1	2	2	1	1	0	0	0	1	2	2	1	4	7	8	3	1	2
15	3	4	1	2	2	2	0	0	0	0	0	1	0	0	1	2	1	2	6	1	0	1	1	3	1
16	3	5	2	2	0	0	1	1	1	1	1	1	1	2	1	1	2	1	2	2	1	0	0	0	1
17	2	1	2	0	2	1	1	0	1	1	0	1	2	0	0	0	0	0	0	0	0	0	1	2	1
18	0	0	0	2	0	0	0	1	0	0	3	1	0	0	0	1	4	1	1	0	1	1	1	2	1
19	4	4	1	1	1	1	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	2	2	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	2	0
22	1	1	2	2	1	5	4	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	1	2	2	4	4	7	8	7	2
24	3	3	3	3	3	2	1	2	6	3	1	1	3	7	7	5	2	2	2	2	2	2	2	2	3
25	2	2	0	1	1	0	0	1	1	0	1	1	2	3	3	2	2	6	3	2	2	3	3	1	2
26	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0
27	2	2	3	1	0	0	0	3	3	52	30	0	0	0	0	0	0	1	3	6	1	0	0	0	4
28	1	0	0	2	4	0	0	0	****	****	****	****	****	****	****	0	0	0	0	0	16	4	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	3	0
30	6	2	1	0	0	0	0	1	2	2	3	2	1	1	3	1	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1.3

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	0	1	1	2	0	1	1	1	1	1	1	0	1	4	6	6	1
2	1	1	5	15	0	0	10	0	0	0	0	7	10	1	0	0	0	0	14	0	0	2	1	0	3
3	0	0	0	0	2	4	2	1	1	1	1	1	2	2	****	0	1	0	1	3	2	1	1	2	1
4	1	2	2	0	0	0	0	0	0	0	0	1	4	1	2	1	0	0	0	0	0	1	1	1	1
5	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	3	2	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	8	19	11	0	0	0	0	0	0	0	7	1	2
8	2	0	0	0	0	1	1	2	3	3	2	1	4	2	2	1	0	0	3	2	0	0	0	0	1
9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	12	9	****	****	2	5	0	0	1	1	1	0	1
13	2	3	2	2	2	3	2	0	0	0	0	0	0	2	2	1	1	0	1	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	3	4	4	1	0	0	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	0	1	2	0	0	0	0
22	0	0	0	0	0	0	1	4	6	6	3	2	1	2	2	0	0	1	2	3	5	6	2	0	2
23	1	1	1	0	0	0	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0
25	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	0	0	0	4	2	1	****	****	****	****	****	****	****	****	****	******
29	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	0	1	0	1	1	0	0	1	0	1	2	1	1	0	0	0	1	0	1	1	1	0	0.6

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	3.5	13	58
FEB	29	4.1	13	52
MAR	31	3.0	8	68
APR	30	4.1	14	70
MAY	26	6.4	13	73
JUN	15	5.8	18	87
JUL	16	9.0	15	79
AUG	31	8.0	30	213
SEP	29	4.6	9	47
OCT	29	4.3	14	53
NOV	29	1.3	4	52
DEC	29	0.6	3	19
YEAR	320	4.3	30	213

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	607	27	6	4	1	0	0	0	645
FEB	628	43	9	10	1	0	0	0	691
MAR	675	49	9	8	1	0	0	0	742
APR	620	68	13	14	1	0	0	0	716
MAY	510	97	21	14	7	0	0	0	649
JUN	306	40	9	10	3	0	0	0	368
JUL	286	62	28	17	3	0	0	0	396
AUG	588	93	23	22	11	2	0	0	739
SEP	616	73	15	2	0	0	0	0	706
OCT	632	62	18	7	1	0	0	0	720
NOV	695	1	0	1	1	0	0	0	698
DEC	708	5	0	0	0	0	0	0	713
YEAR	6871	620	151	109	30	2	0	0	7783

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.6	0	0.0	0.0	1.1	3.6	11.5	17.7	26.2	36.1	213	4.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	-	-	-	-	-	-	-	-	-	-	-	-	****	****	****	****	****	0	0	0	0	0	0	0	******
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	1	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	1	2	8	38	5	9	10	1	26	28	8	51	15	19	9
8	9	3	13	12	12	13	0	3	29	27	13	7	30	46	39	21	1	0	0	0	0	0	0	0	12
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	52	77	25	2	32	12	5	1	1	1	3	3	10	3	0	0	0	0	0	4	22	11
11	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	4	7	9	11	8	16	20	12	4
12	0	6	3	24	27	18	11	8	10	2	2	2	24	5	20	17	60	61	13	8	8	14	11	13	15
13	5	0	1	0	0	0	0	0	5	10	17	18	8	6	3	2	4	0	1	1	9	11	6	15	5
14	15	3	11	44	68	24	15	71	64	50	31	12	33	47	65	21	6	85	79	46	6	35	38	53	38
15	80	12	20	0	7	3	5	22	8	2	0	0	2	1	0	1	1	5	37	28	19	13	12	6	12
16	10	13	51	0	7	10	43	58	48	56	21	12	7	5	6	2	5	10	61	103	101	71	0	74	32
17	62	46	39	28	31	17	32	41	12	32	13	36	68	56	85	80	132	79	5	3	3	15	15	****	40
18	1	0	0	0	0	0	0	0	0	12	58	49	31	24	58	6	26	14	59	73	6	27	6	1	19
19	0	0	0	0	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	11	5	3	11	6	9	4	2	0	0	0	0	0	15	1	3	78	90	69	13	20	1	12	15
24	12	3	17	7	0	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	4	16	15	6	25	9	3	4	7	2	3	4	7	26	33	33	37	17	76	39	3	1	1	0	15
26	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	0	0	0	0	0	0	0	0	0	0
27	0	1	6	26	5	5	7	29	7	0	10	14	3	0	0	1	6	2	1	33	8	8	52	25	10
28	6	15	7	14	4	5	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	2	2
29	10	16	3	4	0	0	9	0	0	0	2	3	1	3	8	3	0	0	0	23	34	15	23	32	8
MEAN	9	6	8	9	11	6	6	11	8	8	7	6	9	10	16	8	12	14	18	18	9	11	8	11	10.0

PERCENTAGE OF DATA VALID - 86.9 PERCENTAGE OF DATA INVALID - 11.4 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	5	6	29	3	5	0	0	0	61	71	45	18	24	31	19	2	31	3	0	0	0	1	15
2	2	2	0	4	0	0	0	0	0	3	14	3	1	1	2	21	1	1	0	1	7	1	3	0	3
3	0	0	0	0	0	0	5	5	9	0	0	0	0	0	0	0	0	0	0	0	0	3	12	0	1
4	0	0	0	25	19	29	45	60	16	15	1	1	1	0	****	****	3	0	52	56	95	53	7	4	22
5	34	22	0	0	0	4	5	20	34	24	46	27	20	12	40	23	77	33	41	10	6	2	3	1	20
6	0	0	0	0	1	0	0	0	2	47	69	17	46	37	19	0	37	53	68	93	46	24	29	29	26
7	23	12	2	18	23	31	12	6	13	11	8	3	5	11	26	8	10	20	2	6	4	3	2	0	11
8	0	0	0	0	0	0	0	0	3	0	9	6	1	1	2	0	1	0	0	0	0	0	0	2	1
9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1	0
11	3	16	6	7	14	0	3	10	0	0	0	1	9	15	0	0	0	0	0	0	0	0	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	11	22	4	4	14	10	11	1	0	0	0	5	22	41	45	10	18	9
14	5	5	9	8	2	4	2	3	11	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	20	5	5	1
17	39	27	64	68	31	32	27	8	31	6	7	3	8	5	2	1	0	4	9	13	23	22	10	13	19
18	27	6	11	28	40	8	7	3	2	8	16	6	1	8	0	0	0	0	0	0	0	0	0	0	7
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	0	3	1	0	0	1
20	21	26	0	0	0	0	0	0	4	7	5	4	5	3	5	4	1	2	2	0	0	1	0	31	5
21	27	24	35	103	57	23	31	10	1	0	0	1	1	2	0	0	0	0	0	0	34	19	5	26	17
22	21	7	25	12	15	0	2	0	12	7	0	0	0	0	0	3	5	1	5	7	8	1	0	1	6
23	2	4	2	1	2	1	9	10	13	3	0	3	26	35	0	0	0	0	0	0	0	1	5	2	5
24	23	64	30	30	9	1	0	11	0	0	0	0	0	0	0	0	0	0	0	9	8	6	10	51	11
25	30	40	11	8	17	21	7	4	2	0	0	0	0	0	0	0	0	0	1	19	11	6	5	4	8
26	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	17	13	22	22	1	0	0	3
27	0	0	0	0	0	0	0	0	0	0	21	8	****	****	****	1	0	0	0	5	8	8	4	3	3
28	7	17	24	32	14	11	6	13	1	0	0	0	2	6	6	2	6	8	8	15	9	3	8	14	9
29	4	4	0	4	3	0	1	0	0	0	0	51	33	11	31	13	4	10	5	3	3	3	2	2	8
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	37	17	16	3
31	10	31	35	19	22	6	17	3	12	19	8	1	0	0	0	0	3	5	1	8	3	6	1	0	9
MEAN	9	10	8	12	10	6	6	6	6	5	9	7	7	6	5	4	6	5	8	10	11	9	4	7	7.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	4	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	5	2	1
2	1	2	2	3	2	3	2	1	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	1
3	1	2	2	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1
4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
11	- DATA INVALID -																								
12	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1	0	0	0
14	0	0	0	0	0	0	0	0	5	9	48	44	47	81	18	2	1	1	1	2	8	5	0	0	11
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	47	42	4
17	21	28	42	87	28	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
18	0	0	0	0	0	0	0	0	0	0	0	1	3	8	12	15	11	2	1	0	0	0	0	10	3
19	6	17	60	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	31	5	1	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	32	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	12	2
23	6	1	0	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	41	33	28	5
27	38	41	34	40	17	20	5	2	0	0	0	0	0	0	0	0	0	0	0	1	1	14	76	36	14
28	8	17	13	8	10	16	4	2	1	1	0	0	0	0	0	0	0	1	1	1	2	2	5	3	4
29	7	7	42	3	2	8	2	1	0	0	0	0	0	0	0	2	1	0	0	0	1	1	3	4	4
30	8	13	1	1	0	2	11	18	15	8	11	0	0	0	0	0	2	0	0	1	8	3	2	4	5
MEAN	4	5	7	6	2	2	1	2	1	1	2	2	2	3	1	1	1	0	0	1	1	3	6	5	2.4

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	7	4	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	1	0	0	0	4	1
2	0	3	13	2	1	10	0	5	1	1	0	0	1	18	17	0	0	0	0	1	74	18	55	12	10
3	30	35	13	18	5	9	10	4	0	0	0	0	1	0	43	49	37	33	83	3	39	45	29	32	22
4	6	2	12	6	0	37	39	59	6	53	37	83	30	18	12	96	113	106	131	30	13	17	2	6	38
5	0	0	0	2	36	38	2	1	0	0	0	0	0	1	1	2	3	1	0	0	1	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	55	8	26	6	4	2	1	3	8	0	4	1	1	1	1	1	2	2	1	1	0	0	0	0	5
10	0	0	0	0	5	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
11	19	20	18	21	14	20	10	5	3	3	1	2	15	38	1	2	0	2	3	22	29	9	12	14	12
12	37	21	14	17	12	12	4	3	3	3	3	3	1	2	3	0	0	0	0	0	12	5	0	0	6
13	0	1	3	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	0	0	1
14	0	0	0	0	0	7	2	10	1	0	0	0	0	4	55	25	45	10	6	0	0	0	0	0	7
15	1	6	1	0	6	8	26	3	1	1	4	8	11	15	26	28	35	4	3	0	9	26	0	0	9
16	0	0	0	2	1	0	0	0	0	5	0	9	0	1	1	2	2	2	1	2	7	5	2	2	2
17	0	0	0	0	0	0	0	1	33	4	8	4	0	0	0	0	0	0	11	6	4	25	9	16	5
18	13	16	5	11	9	5	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	2	2	3	34	31	80	92	69	96	41	22	9	3	0	0	0	0	0	20
21	2	3	7	53	10	46	77	93	37	48	6	12	7	94	111	104	74	4	2	1	0	0	0	0	33
22	0	0	0	0	6	44	27	42	75	39	33	67	23	31	31	2	1	2	0	0	1	0	0	0	18
23	0	0	0	0	0	0	0	56	89	51	112	35	57	69	21	3	15	16	0	0	1	2	2	5	22
24	21	0	0	2	50	9	4	0	0	0	0	0	1	1	2	3	3	2	2	1	0	0	0	0	4
25	0	0	1	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	68	1	0	0	0	10	101	116	120	93	59	64	6	3	3	9	14	18	7	20	3	1	3	30
30	24	14	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
31	0	0	30	4	17	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	8	3	1	4
MEAN	7	7	5	5	6	9	7	13	12	12	11	12	10	12	14	12	12	7	9	2	8	6	5	3	8.5

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	2	0	0	6	18	15	2
2	5	2	10	9	9	4	0	0	0	0	1	1	3	2	2	3	0	0	0	0	18	20	19	25	6
3	30	18	13	19	50	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	0	0
6	0	0	1	2	1	1	46	26	10	13	4	4	5	3	2	4	11	6	4	4	3	3	2	1	7
7	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3	1	1	1	1	61	114	49	82	75	16
8	72	42	20	22	2	0	4	3	3	5	5	3	5	4	2	3	2	2	1	2	3	2	2	3	9
9	11	12	59	2	0	0	0	0	0	1	2	2	0	1	3	2	1	1	0	0	0	0	25	15	6
10	10	3	47	39	30	22	4	3	2	1	2	1	0	0	0	0	0	0	0	0	1	7	1	12	8
11	9	3	0	1	0	0	0	0	0	1	1	1	2	4	4	5	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	13	113	65	11	42	44	10
13	14	8	28	31	23	5	1	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	37	3	7
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	13	35	16	19	34	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	3	2	26	6
16	14	1	1	4	6	2	1	28	54	53	22	37	72	38	85	44	103	129	156	74	2	4	50	126	46
17	77	113	12	32	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
18	12	14	25	27	13	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	14	14	6
19	8	11	15	18	15	8	7	3	1	0	0	0	0	2	1	0	0	0	0	17	41	2	3	6	7
20	14	16	2	2	7	0	4	42	46	35	32	53	52	28	35	65	48	50	27	18	8	0	0	0	24
21	1	29	3	0	0	0	0	0	7	3	0	0	0	0	0	0	0	0	0	33	14	4	13	4	5
22	4	5	1	0	2	0	0	0	0	0	0	0	0	0	24	5	58	59	5	3	1	0	0	8	7
23	2	34	0	1	19	9	3	15	17	15	8	29	4	2	1	0	0	13	16	1	0	0	0	0	8
24	0	0	0	0	0	0	0	0	0	0	0	7	6	30	90	32	2	15	1	1	0	0	0	0	8
25	1	0	1	0	0	0	0	10	24	41	76	82	90	103	46	8	4	1	0	0	0	0	0	0	20
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	13	1	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	4	3	4	1	0	0	5	8	23	29	35	8	5
30	2	0	0	0	0	0	0	0	0	1	4	39	6	1	1	0	0	0	0	0	0	1	55	1	5
MEAN	10	11	9	8	7	3	2	4	6	6	5	9	9	8	11	6	8	10	8	11	10	5	13	13	7.9

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
2	0	0	0	0	0	0	33	100	135	123	99	108	135	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	0	0	3	0	0	0	17	50	68	62	50	54	68	0	0	0	0	0	0	1	1	0	0	0	20.0

PERCENTAGE OF DATA VALID - 5.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 95.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	27	8	62	6	2	3	3	******
7	1	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	2	0	0	1	1	1	2	0	1	2	2	0	0	0	0	47	35	17	17	50	7
9	30	24	22	40	21	15	26	9	3	1	6	8	38	65	5	6	17	8	0	0	3	17	10	10	16
10	3	8	17	6	6	8	10	0	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	19	34	53	49	67	12	20	0	0	0	17	1	0	0	11
13	0	1	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	22	51	10	3	0	0	3	12	0	0	0	0	0	0	0	0	0	0	0	7	26	6
15	17	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	18	22	5	54	12	50	44	36	6	0	0	0	0	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	44	10	1	2	5	2	10	8	3	38	139	3	8	3	12
22	5	4	3	0	0	0	1	63	151	122	113	128	88	101	51	31	38	45	51	0	1	1	1	1	42
23	0	0	0	0	0	0	7	0	0	0	0	0	0	0	26	4	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	19	22	0	85	93	2	3	0	0	0	0	9
26	36	9	0	0	0	5	1	0	0	0	0	0	12	12	14	25	19	8	8	4	16	10	4	8	8
27	6	3	5	9	15	6	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	0	3	4	8	14	19	2
30	13	16	1	33	60	24	46	56	62	38	26	18	0	0	6	37	54	40	0	15	34	51	20	2	27
31	8	18	9	1	0	0	0	0	3	0	4	3	0	0	10	0	0	0	15	2	0	1	3	37	b
MEAN	5	4	3	5	6	5	5	8	12	9	10	9	9	10	9	5	10	9	3	7	10	4	3	7	6.8

PERCENTAGE OF DATA VALID - 79.8 PERCENTAGE OF DATA INVALID - 5.0 PERCENTAGE OF DATA UNAVAILABLE - 15.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	10	19	26	9	8	1	3	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5
2	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	2	0	0	0	2	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	0
9	5	4	2	4	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	12	4	2
10	8	8	17	14	0	0	0	62	88	110	103	76	80	87	74	94	47	67	170	118	106	36	8	8	58
11	3	0	17	24	35	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	7	5	9	4	1	0	0	0	8	18	0	1	2	0	0	0	0	0	0	0	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	57	74	78	8	69	12
16	91	78	36	40	0	0	0	0	1	1	1	1	0	0	3	0	0	0	0	0	7	5	2	4	11
17	8	2	6	0	3	8	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	22	3	0	27	72	144	28	69	25	6	1	0	0	0	0	0	0	0	0	0	0	0	0	17
23	2	3	3	3	3	0	0	0	2	0	10	14	0	0	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	2	10	17	3	0	2	7	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
26	0	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	8	3	0	0	0	2
27	0	0	4	10	13	6	6	3	0	0	0	0	0	0	0	2	0	0	3	3	4	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	3	3	1	3	3	2	0	0	1	1	1	0	0	0	0	1	1	1
30	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	0	0	0	80	26	5
MEAN	5	5	4	4	3	4	5	3	5	5	4	4	4	3	3	4	2	2	6	6	7	4	4	4	4.2

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	1	1	0	1	1	2	2	2	1	0	0	2	2	1	1	1	4	3	1	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
3	3	6	6	1	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	3	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	62	191	56	2	3	4	3	2	10	17
6	7	9	10	7	5	24	3	6	3	0	0	0	0	0	0	0	1	0	2	22	6	1	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	0	10	35	49	194	135	7	7	0	56	15	22	30	23
8	29	3	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	20	24	7	76	40	31	8	6	6	1	0	0	0	0	0	0	9
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	1
12	6	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	2	1
13	7	0	0	0	3	12	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	11	0	5	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	2	2	3	17	11	2
19	53	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
20	4	4	31	33	20	4	3	2	12	36	23	12	60	10	0	0	0	0	0	0	0	0	0	0	11
21	0	0	0	5	3	3	2	6	0	0	0	0	0	0	0	0	0	0	0	0	4	26	22	3	3
22	0	4	2	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	2	3	2	2	0
24	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	2	3	3	4	4	3	2	2	0	0	0	0	0	0	0	****	0	0	0	0	0	0	****	1
27	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	******
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	5	0	3	0	3	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	2	2	11	15	1	1	1	1	1	0	0	0	1
30	0	0	0	0	19	28	27	90	107	12	6	1	6	3	4	****	2	4	6	2	5	22	8	3	15
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0
MEAN	4	1	2	2	2	3	2	4	5	2	1	3	4	3	5	10	11	3	1	1	3	3	3	2	3.3

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	4	27	10	******
6	15	9	8	2	5	0	0	2	1	1	0	0	0	2	****	1	3	2	2	2	2	4	7	4	3
7	5	4	0	0	0	0	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	7	107	26	4	2	2	2	8
14	3	2	7	7	6	4	0	1	2	3	16	102	76	37	26	35	82	71	12	2	0	0	0	0	21
15	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	3	2	0	0
16	0	0	0	5	7	26	35	2	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	11	4
17	7	2	12	8	7	8	2	3	2	0	0	2	3	0	0	7	3	2	0	0	0	0	0	0	3
18	0	0	0	0	4	0	0	0	2	0	4	10	16	53	93	65	25	0	0	1	4	5	5	5	13
19	7	5	4	2	2	4	0	0	0	2	7	24	360	73	38	65	39	4	21	4	0	0	0	4	28
20	2	****	****	****	****	****	****	****	****	****	****	****	0	0	****	2	12	3	0	0	0	2	4	2	******
21	27	98	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	****	****	****	****	****	****	****	****	****	5	25	125	163	115	25	2	0	0	0	0	******
23	0	****	****	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	9	11	13	11	2
24	10	7	2	0	0	0	0	0	0	0	0	2	5	20	5	8	0	0	0	0	1	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	6	****	0	0	0	0	8	26	0	11	17	2	2	3
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	3	8	4	9	9	9	0	2
29	0	3	3	0	3	4	6	0	0	0	0	0	4	29	61	8	103	53	38	61	18	3	37	52	20
30	0	0	0	0	5	7	5	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	3	6	2	1	2	2	2	0	1	0	2	7	22	10	12	15	22	12	11	5	3	3	5	4	6.3

PERCENTAGE OF DATA VALID - 72.9 PERCENTAGE OF DATA INVALID - 27.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	0	2	0	1
2	3	6	2	0	0	0	0	0	5	4	3	3	0	0	****	****	****	****	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	******
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	4	4	5	5	4	4	4	0	0	7	5	1	1	3	6	5	5	12	12	0	0	0	0	4
9	0	0	4	4	3	0	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	0	0	3	1
10	5	7	13	9	3	0	0	0	0	0	0	0	0	0	0	4	6	4	5	0	0	0	0	0	2
11	0	8	24	8	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	3	0	1	0	0	0	****	0	0	1	0	0	0	0	0	0	1	0
13	0	0	35	50	27	30	9	0	0	11	11	10	43	7	0	0	0	0	0	0	0	0	0	0	10
14	0	0	****	****	****	0	0	3	9	9	0	0	6	12	35	30	35	48	31	24	2	****	****	0	13
15	0	3	3	1	0	0	0	0	0	0	2	2	0	0	0	2	2	2	0	0	0	0	0	0	1
16	0	2	2	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	1	1	0	0	0	0	0
17	2	0	0	0	3	3	12	35	33	11	11	11	0	0	4	9	9	9	9	9	33	116	12	12	14
18	43	29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19													- DATA INVALID -												
20	8	14	3	37	9	23	18	38	27	10	5	7	0	0	13	32	23	26	24	34	33	29	10	0	18
21	0	38	18	9	7	0	0	****	****	****	0	0	0	****	****	****	0	0	0	0	0	0	3	0	4
22	0	0	0	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	1	1	0	0	0	0	0	3	3	******
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3	4	5	5	2
29	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	****	****	****	0	0	0	0	0	0	0	1	0	0	0	****	****	****	****	****	0	0	0	0	0	0
MEAN	2	4	5	5	2	2	2	3	3	2	2	1	2	1	3	4	3	4	3	3	3	6	1	1	2.8

PERCENTAGE OF DATA VALID - 82.7 PERCENTAGE OF DATA INVALID - 17.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	25	10.0	40	132
MAR	31	7.3	26	103
APR	27	2.4	14	87
MAY	31	8.5	38	131
JUN	30	7.9	46	156
JUL	1	20.0	0	135
AUG	25	6.8	42	151
SEP	30	4.2	58	170
OCT	30	3.3	23	194
NOV	20	6.3	28	360
DEC	25	2.8	18	116
YEAR	275	6.0	58	360

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB	451	58	21	38	34	3	0	0	605
MAR	585	58	34	43	18	1	0	0	739
APR	627	19	1	19	4	0	0	0	670
MAY	604	45	16	40	29	9	0	0	743
JUN	582	46	14	41	22	8	0	0	713
JUL	30	0	0	1	2	4	0	0	37
AUG	504	30	13	24	17	6	0	0	594
SEP	666	11	6	7	17	3	0	0	710
OCT	667	14	9	10	8	4	0	0	712
NOV	471	14	11	9	13	6	1	0	525
DEC	568	17	8	21	0	1	0	0	615
YEAR	5755	312	133	253	164	48	1	0	6666

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82.9	0	0.0	0.0	0.0	1.1	16.9	35.7	66.6	89.3	360	6.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	3	6	0
8	3	3	2	6	7	7	6	9	7	4	0	0	3	0	0	0	4	****	1	7	8	4	4	5	4
9	3	3	4	5	0	14	30	23	20	7	2	3	4	0	8	10	25	13	-	-	-	-	-	-	10
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	2	0	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	3	48	23	172	38	8	0	0	0	0	0	0	0	0	0	0	12
14	0	5	0	0	0	3	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0	0	0	0	13	110	55	10
16	18	156	126	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	21	54	46	79	57	12	8	7	7	29	8	3	2	0	0	0	0	0	0	0	14
19	0	0	0	1	2	10	6	39	43	8	2	0	0	0	0	2	2	7	2	4	1	2	3	55	8
20	41	10	33	102	42	139	63	126	101	19	80	26	70	22	49	57	17	6	9	82	211	162	17	68	65
21	60	150	180	107	114	159	181	17	99	4	10	12	2	14	1	10	0	0	0	0	0	0	0	0	47
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	2	1
23	1	0	0	0	0	0	0	0	0	0	8	4	10	46	50	5	5	****	****	0	0	0	0	0	6
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	2	5	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	2	1	2	4	6	2	2	0	4	2	3	2	2	2	1	1	1	3	1	0	0	0	6	2
29	5	3	1	0	1	1	1	2	1	0	4	5	7	14	1	0	0	0	2	2	0	3	7	12	3
30	5	17	13	1	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	10	3	2	3	2
31	0	7	3	6	7	0	0	23	5	3	0	0	****	0	0	0	0	0	0	0	0	0	16	18	4
MEAN	4	12	12	8	6	13	12	11	11	4	4	8	5	5	4	3	2	1	1	3	8	6	6	8	6.5

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	4	0	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	24	18	83	******
7	3	4	17	41	2	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	10	1	14	73	7
8	93	8	1	1	0	0	0	0	0	0	3	18	24	2	0	3	19	12	0	0	30	18	41	111	16
9	79	44	236	172	178	204	67	26	58	43	27	52	59	11	15	28	32	42	32	45	103	27	53	65	71
10	35	67	85	58	47	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	3	13
11	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	26
12	11	4	8	5	3	10	154	108	98	41	48	49	18	13	5	20	6	0	0	0	1	8	6	17	6
13	22	10	5	15	8	4	2	2	2	28	11	4	17	0	3	3	0	0	0	0	0	0	0	0	13
14	0	0	0	0	3	0	2	0	3	117	95	0	0	0	0	0	6	13	18	9	9	15	0	23	0
15	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	8	8	10	3	0	1	0	****	0	0	0	0	0	0	0	3	4	2	2
17	18	33	103	28	197	18	22	137	88	31	78	5	5	7	7	8	6	8	10	8	5	12	107	198	47
18	125	49	40	27	13	2	13	32	98	78	13	18	19	91	103	0	0	0	0	0	0	0	0	0	30
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	5	7	3	6	2	6	10	14	6	5	6	1	0	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	3	8	5	8	3	1	0	2
25	1	1	8	8	13	11	3	0	1	1	0	0	0	3	8	5	3	2	0	34	48	52	42	48	12
26	170	94	112	16	22	23	20	78	53	13	6	2	0	0	1	****	1	1	1	1	1	1	1	1	27
27	0	0	3	0	0	0	2	2	0	0	26	7	10	5	0	0	0	0	0	0	0	0	0	0	2
28	3	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	4	0	0	0	0	0	0
MEAN	23	13	25	15	19	11	12	16	17	16	14	7	7	6	6	3	4	4	3	5	9	7	12	25	11.7

PERCENTAGE OF DATA VALID - 83.3 PERCENTAGE OF DATA INVALID - 16.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	5	5	11	3	6	28	12	2	7	8	14	3	6	33	134	68	54	17
2	123	98	78	85	73	91	154	35	63	19	22	53	27	29	2	0	0	0	0	0	1	1	1	3	40
3	48	69	62	10	2	2	0	0	0	0	0	0	0	0	****	4	3	3	3	1	0	0	0	0	9
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	6	7	86	37	7	20	8	2	0	0	3	0	0	1	0	0	0	13	7	2	13	7	48	28	12
6	64	13	8	123	88	149	117	28	37	17	21	10	4	8	8	14	2	0	0	0	0	6	10	0	30
7	0	0	0	0	4	0	30	37	13	19	5	7	10	7	1	0	0	1	0	0	0	1	8	60	8
8	53	15	8	2	2	3	2	2	8	5	29	23	7	2	1	1	3	0	0	0	0	3	7	11	8
9	10	32	71	149	22	0	0	0	0	0	8	21	100	21	9	17	15	13	52	86	110	174	63	0	41
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	12	5	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	8	32	48	40	91	65	119	28	11	0	0	0	1	2	3	3	1	0	0	0	0	0	0	0	19
14	0	0	0	0	11	21	13	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	1	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0
17	0	0	0	2	9	18	46	6	2	8	3	2	0	0	0	0	0	0	0	0	0	0	0	0	4
18	0	0	0	10	7	3	3	3	7	3	2	3	0	0	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	18	8	1	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	6	0
25	16	10	16	20	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
26	0	0	0	0	0	0	0	0	0	0	0	27	10	69	44	84	54	49	67	0	0	0	0	0	17
27	0	0	0	0	0	0	0	6	67	9	1	0	0	0	0	0	0	0	0	0	7	0	8	0	4
28	8	20	24	33	6	0	10	15	0	0	0	0	0	0	0	0	0	0	0	2	20	18	2	2	7
29	1	0	0	0	0	0	0	0	0	6	25	13	5	0	0	0	0	0	0	0	0	0	0	0	2
30	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	11	1	15	28	42	2	1	8	39	3	5	0	0	0	0	0	****	****	11	2	2	15	29	28	11
MEAN	11	10	14	17	12	12	16	6	9	3	4	6	6	5	2	4	3	3	5	4	6	12	8	6	7.8

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	16	3	17	2	0	1	****	****	****	0	0	0	0	0	0	0	0	0	9	0	0	2
3	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
4	15	29	1	0	0	0	0	3	0	0	1	2	1	1	1	1	1	1	1	2	34	18	12	0	5
5	0	12	22	18	2	9	2	6	11	18	24	33	1	0	0	0	0	0	0	0	0	0	0	0	7
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	18	2
14	54	61	201	152	75	213	187	13	17	26	45	1	2	1	0	0	0	0	0	0	0	0	0	0	44
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0
16	0	0	0	0	0	0	0	12	15	60	64	11	18	15	113	78	127	18	35	124	79	74	146	19	42
17	5	15	20	25	13	2	2	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	50	31	20	6	1	4	15	23	30	36	31	32	25	44	42	******
19	32	49	33	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	33	30	20	10
20	8	2	0	8	0	0	0	0	0	18	6	0	0	0	8	51	38	13	2	0	0	0	0	0	6
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	35	2
22	2	14	5	0	211	155	121	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
23	0	0	2	3	2	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	22	2
27	10	17	14	3	6	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	3	53	13	2	13	2	1	0	0	0	0	0	0	0	0	1	****	1	1	1	25	31	43	85	12
30	24	16	34	51	35	23	17	9	3	0	0	0	0	0	0	0	0	0	0	2	5	37	47	36	14
MEAN	6	9	12	10	12	15	12	2	2	6	6	2	1	1	4	5	7	2	3	6	7	8	13	10	6.7

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	51	27	29	34	50	18	16	20	2	0	0	0	0	0	0	0	0	0	0	0	6	18	24	136	18
2	17	221	144	5	25	38	24	75	12	17	2	0	0	0	0	0	0	0	0	0	0	17	5	3	25
3	18	18	10	3	6	36	30	21	23	14	1	0	0	0	0	0	0	0	2	2	6	48	6	16	11
4	22	31	19	25	20	22	6	10	3	2	6	0	8	3	2	0	2	5	0	1	3	0	0	0	8
5	0	0	0	0	0	0	0	0	****	****	0	0	****	****	****	****	****	0	0	2	6	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
9	8	3	3	19	139	203	182	164	38	22	34	24	10	14	3	1	0	0	0	0	0	0	0	0	36
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	4	2	3	0	0	3	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	3	3	16	1
14	4	3	5	8	0	0	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	4	7	3	2
15	3	1	20	14	87	65	26	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	7
16	4	48	23	15	17	27	13	18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	10
17	13	8	11	5	10	23	45	18	3	0	0	0	0	0	0	0	0	0	1	1	54	30	10	12	10
18	10	13	12	9	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	1
20	114	117	109	155	145	123	111	51	61	58	58	50	15	22	1	3	2	10	77	95	87	127	92	124	75
21	146	134	106	149	119	106	75	15	10	2	7	2	0	5	5	4	3	8	30	106	96	124	116	125	62
22	189	198	167	113	121	106	68	15	7	10	24	12	21	31	23	58	65	86	59	96	65	14	44	79	70
23	108	66	68	190	86	66	74	102	18	16	36	31	52	40	42	5	1	1	1	0	9	0	37	60	46
24	21	42	79	84	21	97	10	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0
27	0	0	0	0	4	0	2	0	0	0	0	0	0	0	2	0	4	22	86	40	3	24	54	21	11
28	93	121	97	3	1	0	0	0	0	0	0	0	0	16	31	21	14	10	1	0	0	0	0	1	17
29	106	57	63	7	126	32	20	15	5	6	2	5	0	1	2	0	0	3	3	10	15	40	3	35	23
30	18	4	44	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	5	7	5
31	0	3	1	0	7	4	0	0	0	0	0	0	9	0	3	0	0	0	0	0	0	0	0	0	1
MEAN	30	36	33	28	32	31	23	17	6	5	6	4	4	4	4	3	3	5	8	11	12	15	13	22	15.0

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	55	68	0	0	0	0	0	0	0	0	0	0	0	12	3	0	6
2	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	16	54	72	9	23	35	22	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	11
4	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	3	5	0	5	86	4	0	0	0	15	4	17	4	3	14	0	2	24	138	14
6	107	45	31	14	4	6	10	3	3	3	3	0	0	0	0	0	0	7	8	10	0	3	0	0	11
7	7	13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	3	2	1	1	1	1
8	0	0	9	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	2	10	15	1
11	52	89	114	67	11	50	36	499	77	42	57	72	45	38	48	17	21	13	12	6	10	10	17	29	60
12	24	17	27	19	31	45	0	10	9	9	12	10	0	3	6	6	7	10	9	4	4	9	0	66	15
13	42	20	10	7	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	51	5
16	15	5	7	4	0	4	6	0	3	3	9	10	4	8	14	12	28	6	2	33	89	102	132	79	24
17	94	63	80	37	45	30	13	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
19	0	0	11	3	5	0	3	0	0	0	0	0	0	0	1	6	0	0	0	0	0	7	21	58	5
20	21	26	29	175	347	51	37	16	31	19	14	16	40	49	24	27	17	24	110	31	124	86	86	72	61
21	29	31	10	12	0	14	10	138	16	3	3	1	0	0	0	0	0	0	2	0	0	0	24	34	14
22	9	3	1	2	2	3	38	52	32	79	33	33	52	27	14	9	10	5	9	21	49	94	174	162	38
23	258	217	216	176	145	120	108	119	49	16	15	26	15	21	29	37	26	10	22	29	5	17	4	0	70
24	0	0	0	3	4	3	1	13	22	27	19	19	11	10	14	33	17	24	98	179	58	53	191	112	38
25	56	38	85	113	92	110	42	97	33	21	10	8	5	3	4	0	0	0	0	0	3	33	0	0	31
26	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	8	8	0	0	0	1
28	0	0	0	0	2	21	0	153	84	48	43	37	28	45	17	25	25	17	57	93	48	65	31	29	36
29	9	10	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	7	99	153	12
30	216	165	125	162	175	79	104	63	150	50	33	12	29	43	22	4	4	9	24	42	93	127	90	23	77
MEAN	32	27	28	27	30	19	15	39	20	16	9	8	8	8	7	6	6	4	12	16	16	21	33	35	18.5

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	5	5	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	3	0	2
2	0	0	0	0	0	0	0	21	9	3	3	4	3	7	10	****	15	16	24	89	72	69	29	55	19
3	46	35	45	47	0	0	0	0	0	11	14	2	13	13	4	2	0	2	8	0	6	2	1	1	11
4	22	16	27	6	2	2	2	2	2	2	16	22	33	27	7	23	2	0	0	0	0	0	0	0	9
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	4	8	12	33	16	0	0	0	1	0	0	0	0	0	0	10	4
7	20	38	8	21	40	43	64	23	29	0	0	0	0	0	0	0	0	0	0	3	1	1	1	1	12
8	0	0	0	0	85	4	34	5	2	2	2	0	2	0	2	2	5	4	10	29	73	97	70	52	20
9	48	60	59	85	38	55	74	56	104	33	51	17	16	12	28	5	2	4	15	52	69	74	59	114	47
10	22	6	5	6	20	21	11	0	4	2	8	0	0	0	2	1	0	4	16	10	2	0	4	6	6
11	38	29	29	1	3	1	1	1	1	1	1	1	0	0	0	2	4	0	0	0	0	0	0	0	5
12	0	0	0	0	0	82	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	122	10
13	91	60	128	3	1	0	0	4	188	7	3	10	34	37	42	47	18	28	40	35	53	0	6	7	35
14	17	52	7	0	58	7	11	11	4	0	5	4	7	33	7	15	0	6	1	1	1	1	1	1	10
15	0	0	0	0	0	7	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	7	2
16	13	8	11	0	0	0	4	41	2	0	0	0	2	0	7	2	0	2	0	6	0	0	0	0	4
17	0	0	0	0	21	0	0	2	0	0	0	0	0	0	0	4	11	0	0	0	0	0	1	2	2
18	0	0	0	0	0	2	27	69	28	4	1	0	0	****	****	2	29	21	14	92	133	90	47	26	27
19	31	11	23	9	16	16	25	3	3	6	3	6	4	0	3	2	15	45	4	7	20	29	8	7	12
20	3	20	2	10	17	11	0	2	3	4	5	0	0	0	3	6	18	7	4	11	42	2	5	10	8
21	16	6	41	44	8	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	29	58	38	12
22	0	6	54	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	****	28	16	16	6	88	10
23	150	79	110	95	75	70	55	38	11	16	34	25	14	5	4	9	23	34	40	35	78	28	20	33	45
24	34	35	38	65	41	31	38	25	31	20	18	8	17	20	11	0	0	1	0	0	14	7	13	13	20
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0
26	4	4	7	5	4	16	3	2	2	0	0	1	2	5	7	7	3	43	10	7	33	56	46	51	13
27	5	0	21	24	13	6	26	21	21	15	14	17	14	7	0	0	0	0	0	1	23	101	79	85	21
28	31	60	100	112	18	1	6	35	2	2	3	0	0	0	0	0	0	0	0	0	4	20	4	1	17
29	2	1	4	0	2	2	7	7	9	2	1	1	0	0	0	0	0	2	2	2	3	2	0	10	2
30	2	6	0	0	0	5	13	28	35	45	16	14	13	3	2	0	0	0	0	2	0	16	13	0	9
31	62	4	4	63	205	157	75	78	43	20	16	23	23	25	22	25	29	21	6	1	1	2	0	2	38
MEAN	22	17	23	20	22	18	16	16	17	7	7	6	7	6	5	5	6	8	6	13	21	21	16	24	13.8

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	38	25	29	13	19	10	6	10	5	****	2	3	1	1	1	1	1	1	1	1	1	1	1	9
2	0	2	4	3	2	0	3	13	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
3	0	7	12	3	65	58	36	5	7	6	7	7	2	1	0	0	0	0	0	0	0	0	0	0	9
4	1	1	1	1	1	1	1	1	29	38	74	40	55	54	39	42	58	55	30	7	10	0	5	8	23
5	16	9	47	19	12	15	15	7	2	10	3	4	5	9	7	8	5	0	0	1	11	17	23	16	11
6	13	10	70	92	95	132	92	40	14	7	2	0	0	0	****	****	****	0	0	0	0	0	0	0	27
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	0
8	****	****	****	****	****	****	****	****	****	****	48	48	48	48	48	48	48	48	0	11	0	0	0	0	******
9	0	0	0	15	0	0	2	0	1	2	8	10	0	0	0	0	0	3	0	0	0	0	0	19	3
10	0	0	67	42	3	2	41	42	18	7	3	3	9	1	2	7	10	40	58	68	51	29	13	0	22
11	0	12	6	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	2
12	27	4	34	11	18	59	26	76	31	22	23	18	11	3	41	16	7	6	7	31	40	12	17	3	23
13	4	4	1	0	0	0	0	3	0	0	0	0	0	0	0	1	1	6	0	0	0	8	0	2	1
14	0	0	0	1	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	12	2	0	5
15	0	0	102	128	122	103	22	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	29	3	1	1	1	2
18	6	6	4	12	23	27	19	18	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	23	1	6	10	21	227	71	26	6	0	0	0	17	0	0	0	0	0	0	0	0	17
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	2	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	8	41	19	15	40	6
22	46	34	73	37	51	11	7	2	6	6	3	3	2	2	2	1	3	1	30	13	29	25	29	49	19
23	2	1	20	2	11	0	9	37	45	9	10	17	8	68	15	3	0	0	0	0	0	0	0	0	11
24	0	0	0	0	0	0	0	7	0	21	2	7	4	2	0	0	0	0	0	0	0	1	1	6	2
25	3	2	0	0	0	12	3	0	20	22	19	7	9	6	29	12	3	0	0	0	0	0	0	0	6
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	10	1
27	18	19	18	0	8	13	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
28	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29	****	****	****	****	****	****	****	****	****	****	25	0	0	0	0	0	0	0	0	0	0	2	7	0	******
30	0	0	2	21	13	7	3	3	2	1	0	0	0	0	0	0	0	0	4	0	9	35	67	46	9
31	75	54	68	40	10	18	25	41	7	1	0	3	1	1	1	1	1	1	9	11	0	2	13	17	17
MEAN	8	7	19	17	16	17	12	13	15	8	9	6	5	7	6	5	5	5	5	6	9	6	7	8	9.2

PERCENTAGE OF DATA VALID - 93.7 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	7	9	19	15	23	2	3	7	8	0	0	0	0	0	0	0	0	0	2	0	0	0	0	5
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	1	0	0	0	8	1	13	14	1	2
4	7	8	45	25	19	51	23	2	****	4	1	34	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	1	2	2	1	1	0	0	0	0	11	26	55	23	******
6	6	73	23	5	2	0	0	0	0	0	2	0	2	14	20	34	92	45	23	19	33	42	64	54	23
7	104	101	114	12	1	0	0	0	2	0	0	0	1	25	7	29	6	0	0	0	0	0	0	0	17
8	4	2	1	0	0	0	0	0	0	0	0	1	60	18	6	1	1	0	0	4	0	1	0	0	4
9	0	0	5	2	6	0	0	0	****	0	****	0	0	0	0	0	0	0	****	0	0	0	0	****	1
10	4	30	37	45	13	17	18	18	16	18	20	14	7	18	16	12	13	7	2	6	13	19	42	30	18
11	20	13	2	1	16	19	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12	0	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	****	****	11	12	10	20	57	78	83	43	14	17	10	2	5	16
16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	23	1
17	16	28	26	1	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
18	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	2	60	5	1	0	0	0	1	1	1	1	1	4	1	0	3
22	36	6	0	0	1	8	14	11	4	1	0	0	0	2	1	0	0	0	0	0	0	0	0	0	4
23	0	0	0	22	5	0	18	47	12	4	2	0	2	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	13	20	34	19	2	1	1	0	0	1	0	1	0	4	2	0	0	0	0	4
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	11	5	0	18	1	0	2
26	0	0	0	5	26	22	14	14	35	26	23	20	1	4	11	13	20	18	33	41	6	0	0	0	14
27	0	0	5	16	1	0	0	0	0	0	1	0	2	2	0	0	0	0	4	4	0	0	0	0	1
28	0	0	0	0	0	0	0	0	1	0	0	0	0	7	4	4	2	7	5	1	7	22	7	6	3
29	0	1	6	14	30	37	35	47	16	4	2	2	2	1	1	1	1	0	0	0	0	0	0	0	8
30	0	0	0	0	0	0	0	1	6	11	10	10	12	14	14	12	28	8	0	33	5	2	0	0	7
MEAN	8	10	10	6	5	7	5	6	5	3	5	4	4	4	4	6	8	6	5	5	3	5	6	5	5.6

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	1	1	0	1	0	****	****	0	2	1	0	0	****	****	****	16	16	17	7	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0
3	28	32	15	15	56	55	19	26	23	29	21	16	9	****	4	4	0	0	0	0	0	0	0	0	15
4	0	6	10	24	38	45	52	12	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	11	8
5	12	19	4	2	0	0	0	6	28	32	19	****	****	****	28	17	50	73	61	15	0	0	0	0	17
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	2	0	0	7	0	1
7	5	6	0	0	0	0	23	34	18	16	6	12	7	7	2	0	0	0	0	0	0	4	4	0	6
8	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	22	72	4
10	34	32	116	65	33	66	23	10	2	2	4	0	7	0	0	0	0	0	0	0	0	0	4	1	17
11	5	5	9	6	0	0	0	0	0	0	0	0	0	0	0	0	2	5	5	7	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	43	1	56	15	10	6
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	9	0	1	5	10	6	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	4	0	37	18	33	5	5	4	19	6	0	0	****	10	9	6	0	0	7
18	1	4	4	0	5	4	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1
19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	9	34	39	55	56	61	67	52	29	12	6	9	10	0	0	0	0	0	0	0	18
21	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	5	0	0	0	0	0	0
22	0	0	****	34	33	18	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	4	9	12	10	7	4	4	4	1	3
25	4	6	6	5	5	9	9	9	2	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	7	0	0	0	0	0	0	0	****	****	0	0	0	0	0	9	13	15	11	4	9	9	0	4
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	6	1
29	10	32	49	29	60	58	52	34	18	****	****	****	****	0	0	0	6	11	18	6	13	15	33	19	23
30	39	24	41	24	21	19	16	13	6	0	0	0	0	0	0	0	0	0	0	0	7	13	6	0	10
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	5	6	9	7	8	10	8	7	6	6	6	3	2	1	2	2	3	4	4	4	2	4	4	4	4.9

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	13	7	0	0	9	16	46	71	77	11
3	116	76	123	107	100	63	44	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	41	33	33	49	22	13	12	18	9	12	****	****	****	13	6	5	0	0	13
6	0	0	0	0	1	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	17	0	0	0	10	24	3
10	27	3	6	0	0	0	1	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0
13	0	0	0	0	0	0	0	1	3	0	0	0	1	0	0	0	****	0	0	0	22	31	3	0	3
14	0	0	0	0	0	0	0	0	0	0	0	1	11	19	11	7	9	11	15	0	0	1	4	8	4
15	9	3	0	0	0	0	0	0	19	36	0	0	0	0	0	22	36	72	41	0	0	19	96	103	19
16	104	54	54	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	16	24	0	0	0	0	3	76	5
18	15	7	20	19	1	12	18	11	12	30	35	4	8	3	4	1	12	58	18	18	9	12	4	4	14
19	7	11	12	3	28	34	68	9	55	8	58	11	46	49	9	39	46	24	4	7	19	136	8	3	29
20	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1	1	0	0	0	0	0	0	0	0	0
21	1	73	96	30	111	27	31	1	0	1	11	35	27	16	0	39	45	1	7	8	26	27	82	46	31
22	24	4	15	45	11	27	38	50	26	7	15	43	30	61	45	12	7	0	0	0	0	0	0	0	19
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0
24	0	0	0	0	15	39	32	21	8	3	1	18	3	5	1	13	63	56	39	83	37	117	68	96	30
25	83	48	189	26	21	40	78	122	40	63	39	0	0	0	0	0	0	0	0	0	0	7	20	29	34
26	60	21	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	64	134	62	17
27	43	70	76	26	3	0	1	0	0	0	0	0	3	5	1	0	0	0	0	0	0	3	3	0	10
28	0	0	37	1	39	8	0	3	0	5	36	1	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	16	16	23	37	48	6
30	68	29	5	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MEAN	19	13	22	10	11	8	12	9	7	7	7	4	5	6	3	6	9	9	5	5	7	16	18	19	9.9

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	5	0	****	****	****	****	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	2	2	2	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
7	6	2	1	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	1	21	32	43	38	31	18	5	0	0	0	0	0	8	15	51	43	38	21	15
9	7	5	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	10	53	23	18	24	19	12	8	6	7	5	0	2	2	2	2	2	2	2	2	2	2	2	2	9
12	2	2	2	11	25	42	33	18	9	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
13	0	0	0	0	2	20	34	38	31	20	18	14	10	1	0	0	0	0	0	0	0	0	0	0	8
14	0	0	2	1	2	0	0	0	0	0	0	0	0	1	3	0	0	0	2	9	23	26	33	35	6
15	42	54	19	8	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
17	18	30	21	48	24	29	26	19	15	6	0	0	0	0	0	0	****	****	****	****	****	****	****	****	15
18	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	7	7	10	29	10	10	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	3	7	8	0	0	6	0	27	3	6	26	10	4
28	21	2	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1
29	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	5	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	5	3	3	3	4	5	4	4	3	2	1	1	0	0	0	0	0	0	2	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.5	65	211
FEB	24	11.7	71	236
MAR	31	7.8	41	174
APR	28	6.7	44	213
MAY	31	15.0	75	221
JUN	30	18.5	77	499
JUL	31	13.6	47	205
AUG	28	9.2	27	227
SEP	27	5.6	23	114
OCT	31	4.9	23	116
NOV	30	9.9	34	189
DEC	30	2.4	15	54
YEAR	352	9.3	77	499

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	655	19	8	13	13	16	0	0	724
FEB	465	35	12	26	24	18	0	0	580
MAR	623	35	11	27	28	10	0	0	734
APR	594	37	10	29	12	11	0	0	693
MAY	557	42	27	29	39	38	0	0	732
JUN	506	44	29	54	44	34	2	0	713
JUL	509	71	32	66	50	12	0	0	740
AUG	539	60	18	48	26	6	0	0	697
SEP	553	61	16	26	11	3	0	0	670
OCT	628	37	10	28	17	1	0	0	721
NOV	552	47	21	47	32	11	0	0	710
DEC	668	15	13	18	3	0	0	0	717
YEAR	6849	503	207	411	299	160	2	0	8431

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.0	0	0.0	0.0	0.0	2.0	28.1	53.5	97.6	125.6	499	9.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	3	6	5	1	5	0	1	3	1	0	0	0	3	10	1	3	26	41	17	5
4	35	1	15	7	16	6	3	15	17	16	12	1	0	0	0	0	0	0	0	0	0	0	2	10	7
5	10	0	0	0	0	0	0	4	27	3	4	3	17	10	10	13	0	1	38	47	29	26	31	23	12
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	****	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	1	5	17	22	12	3
10	15	8	6	3	2	11	1	1	7	13	9	8	42	6	30	70	10	14	13	26	4	25	10	2	14
11	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	2	8	3	5	11	10	8	14	16	1	4	22	28	8	20	16	23	8
13	25	27	32	43	26	8	30	26	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
14	0	0	0	0	0	0	0	0	3	12	3	2	2	0	0	9	3	4	6	51	23	16	16	5	6
15	13	32	9	0	2	0	0	0	0	0	9	12	20	2	1	2	3	7	5	7	5	1	1	1	6
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	1	0
17	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0
18	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	18	20	13	11	15	4	14	4
24	12	20	65	2	0	0	0	1	0	2	0	0	0	0	0	0	0	4	6	0	0	0	0	2	5
25	7	4	1	2	6	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0
30	1	2	11	9	5	11	25	7	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
31	- DATA INVALID -																								
MEAN	4	3	5	2	2	1	2	2	3	2	2	1	3	1	2	4	1	2	4	6	3	5	5	4	2.9

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	- DATA INVALID -																								
3	- DATA INVALID -																								
4	- DATA INVALID -																								
5	- DATA INVALID -																								
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	******
7	0	1	0	0	0	0	4	4	3	****	****	0	0	0	0	0	0	3	3	0	0	0	0	0	1
8	0	0	0	0	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	9	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	1
20	23	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	2	2	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	29	36	12	0	0	0	3
22	4	9	30	3	0	0	3	5	5	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
29	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0.5

PERCENTAGE OF DATA VALID - 79.6 PERCENTAGE OF DATA INVALID - 20.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18	71	2	1	4
3	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	2	2	2	1	1	1	1	0	0	0
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	5	13	11	3	1
8	3	2	2	1	1	1	4	5	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	3	12	72	54	30	26	13	0	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	9	38	33	39	5
12	11	25	0	2	17	5	0	0	1	2	3	10	23	23	21	12	12	2	0	0	2	40	11	2	8
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	7	31	6	43	23	26	26	8	3	2	21	3	6	4	3	3	2	6	5	11	39	1	0	12
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	2	13	10	35	2	0	0	0	0	3	5	2	0	0	1	0	0	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	1
23	4	3	1	5	3	3	5	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	1
24	4	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	5	3	2	11	2
25	2	1	9	10	6	8	3	14	3	0	2	0	0	0	0	0	0	0	0	0	3	3	5	3	3
26	0	0	0	0	0	2	5	8	26	19	16	0	0	0	0	0	0	0	0	2	28	23	24	40	8
27	0	0	0	0	0	14	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	2
28	0	0	0	0	44	49	22	45	9	0	0	0	0	0	0	0	0	0	0	2	3	12	10	3	8
29	5	2	3	3	5	6	6	6	6	2	0	0	0	0	2	0	0	0	0	2	9	10	8	5	3
30	39	2	14	3	10	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	2	2	6	55	6
31	32	13	8	43	33	9	1	6	3	3	8	1	0	0	0	0	0	2	2	2	1	0	0	7	
MEAN	3	2	2	2	5	4	6	6	4	2	1	1	1	1	1	1	1	0	0	1	3	8	4	6	2.8

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	9	1	0	2	14	4	11	0	0	0	0	****	****	****	****	****	****	0	0	0	6	19	31	5
2	0	20	9	0	5	0	13	5	0	0	3	0	0	0	0	0	0	0	0	3	1	2	20	1	3
3	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	16	39	1	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0	6	10	7	4	7	11	2
6	3	6	3	0	0	2	0	0	0	0	0	0	13	12	17	21	20	13	8	6	0	5	1	11	6
7	2	2	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	4	3	5	6	2	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	2	0	2	6	3	33	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	3	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	12	2	2	2	1
16	3	11	12	5	8	11	31	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	4
17	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	9	10	10	2
18	13	6	4	2	2	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	8	12	2	1
20	6	33	8	10	8	14	13	8	6	17	19	20	17	16	16	9	0	6	19	30	16	25	61	11	16
21	1	10	12	0	0	0	0	1	2	0	0	0	0	0	0	4	20	26	5	7	1	9	24	23	6
22	9	20	15	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	3	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	10	13	1
25	8	12	7	0	4	6	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	2	2
26	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	25	3	3	2
27	2	2	3	9	14	0	11	0	3	5	2	2	0	0	2	2	1	2	5	11	31	10	0	2	5
28	18	3	6	10	6	3	0	0	0	0	0	9	13	6	6	3	2	0	2	0	0	6	2	23	5
29	1	0	0	8	31	15	10	5	8	4	0	0	0	0	0	0	0	0	2	6	13	10	10	17	6
30	41	74	37	29	28	7	17	4	0	0	0	0	0	0	2	5	4	4	2	3	10	26	9	8	13
MEAN	4	7	4	3	4	3	4	1	1	1	1	1	2	1	2	2	2	2	2	3	5	8	7	6	3.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	3	13	54	22	7	22	6	1	0	0	0	2	2	0	0	2	6	9	10	12	14	7	9
2	0	0	0	10	1	2	9	0	0	0	0	6	0	0	0	3	0	0	5	0	1	0	5	2	2
3	4	3	2	0	0	0	0	0	0	0	0	1	0	1	2	2	2	3	11	0	0	0	0	0	1
4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
6												- DATA INVALID -													
7	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
8	0	0	0	0	0	****	****	****	****	0	0	0	1	0	0	0	0	0	0	0	1	0	2	4	0
9	0	0	0	0	0	0	0	0	0	****	****	1	0	1	1	1	1	0	0	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	**	*	****	- DAT	****	****	****	0	2	0
13	0	0	0	0	0	0	0	2	2	1	1	2	0	0	0	0	1	1	2	4	4	2	0	0	1
14	0	4	0	3	0	1	3	4	3	0	0	0	2	2	0	0	0	0	2	0	4	2	0	0	1
15	0	0	0	0	0	0	0	2	2	1	1	2	0	0	1	1	2	1	1	1	3	1	2	15	2
16	16	41	48	51	9	0	1	0	4	2	1	1	0	0	0	0	0	0	0	9	9	12	32	0	10
17	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	26	9	2	0	2
18	0	0	0	0	0	0	0	****	****	****	0	0	2	1	1	2	0	0	0	0	0	0	0	0	0
19	2	53	12	4	5	17	8	2	3	5	2	0	0	0	1	1	1	1	2	12	1	1	21	1	6
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
22													- DATA INVALID -												
23	****	****	****	****	****	****	****	****	****		0	2	2	0	3	1	3	8	2	2	2	14	78	124	25	******
24	4	48	80	13	3	1	0	0	6	3	1	0	0	0	0	7	3	0	0	1	2	2	10	27	9
25	1	38	37	15	4	2	2	3	3	0	0	0	1	1	1	10	5	3	0	1	4	22	18	9	8
26	7	16	18	26	19	19	14	8	3	0	0	0	0	0	0	0	0	0	5	40	3	4	24	3	9
27	5	2	6	10	11	10	5	1	7	44	11	2	0	0	0	1	0	0	0	0	0	0	1	0	5
28	0	0	0	13	21	10	21	6	5	4	2	2	4	6	7	4	0	1	4	33	38	32	20	11	10
29	0	0	0	18	0	3	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	1	6	2	11	1	2	6	5	3	7	5	3	10	6	13	14	10	0	0	0	0	4
31	0	0	0	0	0	3	5	1	1	0	2	3	2	0	0	4	0	1	12	24	21	20	43	25	7
MEAN	2	8	7	6	5	3	3	2	2	3	1	1	1	1	1	2	1	1	3	6	5	6	12	5	3.7

PERCENTAGE OF DATA VALID - 86.3 PERCENTAGE OF DATA INVALID - 13.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	2	14	34	35	12	21	13	0	0	1	5	2	2	0	0	1	0	0	1	1	2	1	0	7
2	0	0	0	0	0	0	0	5	2	2	2	4	1	0	0	****	****	****	****	****	****	****	****	****	******
3	1	0	0	0	1	1	11	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
4	37	17	18	35	31	20	15	****	****	****	17	0	11	14	31	17	5	7	6	15	30	4	7	0	16
5	0	22	9	11	34	8	8	22	4	0	16	26	24	31	8	27	16	0	0	1	26	0	0	0	12
6	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	8	5	0	0	0	6	6	7	7	5	4	2	3	0	0	****	****	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	6	4	7	10	4	****	8	6	6	8	8	9	2	52	52	51	76	13
10	68	6	26	17	1	0	0	2	****	4	1	5	4	1	3	0	0	0	0	0	0	0	0	0	6
11	0	0	0	2	5	****	****	0	0	1	1	1	1	1	1	3	1	6	0	0	0	0	0	0	4
12	0	0	0	0	0	35	34	32	0	11	0	10	11	2	5	****	****	0	0	0	0	0	0	0	6
13	0	0	0	0	0	0	9	5	8	2	1	1	0	0	6	10	2	1	0	0	0	0	0	28	10	3
14	6	2	3	2	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	12	11	14	0	0	0	0	0	1	1	2	0	2	2	0	0	14	104	4	49	9
16	14	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	1
17	0	0	0	0	0	0	0	0	0	3	3	1	3	15	3	6	11	14	13	0	****	0	0	0	3
18	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	****	14	0	0	1
19	0	0	0	0	0	0	****	7	0	4	2	0	9	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0
21	1	0	79	10	17	3	1	0	0	****	0	0	0	3	0	5	0	1	0	0	0	1	1	34	7
22	65	77	74	40	74	16	6	2	0	0	2	****	1	0	0	0	0	0	0	0	0	0	0	0	16
23	0	0	0	0	0	0	0	0	0	0	2	2	0	3	3	2	2	1	3	2	6	2	29	8	3
24	72	61	65	18	3	73	40	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	11	11	11	5	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	2
27	0	0	14	13	34	4	9	23	17	4	3	12	15	20	17	10	14	16	14	14	9	14	14	7	12
28	3	0	22	82	19	18	23	36	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	13
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	******
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	7	16	0	1	1	0	0	****	****	****	******
MEAN	10	7	12	10	10	8	8	7	2	2	3	3	3	4	3	4	2	2	2	1	6	8	5	7	5.4

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 11.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	******
2	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	1	1	******
3	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	1	1	1	3	75	15	3	5
4	0	0	0	0	0	12	21	6	6	13	2	1	2	4	26	1	2	2	1	6	3	11	11	0	5
5	4	11	10	6	4	2	0	0	0	0	0	0	0	5	19	13	5	3	4	9	23	29	5	14	7
6	31	14	20	50	7	44	47	25	45	48	24	20	14	28	48	27	19	17	32	35	12	3	8	16	26
7	2	3	3	1	1	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	2	2	1	1
8	0	0	0	0	0	0	0	1	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	11	0	0	0	0	0	0	0	1
11	0	0	21	4	17	36	0	2	10	0	0	0	5	6	4	31	29	9	9	****	18	15	18	44	12
12	66	62	29	23	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
13	- DATA INVALID -																								
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
15	0	0	0	0	0	0	0	0	0	2	4	0	2	0	1	0	1	2	7	11	12	2	0	0	2
16	17	1	5	10	33	48	22	0	0	0	0	2	5	0	0	0	7	0	0	0	0	0	0	0	6
17	0	0	0	0	14	0	0	0	0	0	2	3	2	1	3	4	3	2	2	8	10	22	18	10	4
18	8	1	5	8	59	48	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
19	- DATA INVALID -																								
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	- DATA INVALID -																								
27	- DATA INVALID -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	- DATA INVALID -																								
31	- DATA INVALID -																								
MEAN	8	6	6	7	10	14	6	3	5	5	3	2	3	4	9	6	6	3	4	5	5	11	5	6	6.0

PERCENTAGE OF DATA VALID - 44.1 PERCENTAGE OF DATA INVALID - 55.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	- DATA INVALID -																								
3	- DATA INVALID -																								
4	- DATA INVALID -																								
5	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
6	0	1	2	3	1	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	2	3	5	4	1	2	13	9	****	17	15	46	46	26	55	11
8	12	2	20	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
9	****	****	4	3	4	4	7	21	5	5	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
10	- DATA INVALID -																								
11	- DATA INVALID -																								
12	- DATA INVALID -																								
13	- DATA INVALID -																								
14	****	****	****	0	0	11	0	0	0	0	0	0	0	2	0	2	0	0	0	33	70	89	59	4	13
15	7	11	14	71	49	68	37	1	1	****	****	0	0	0	0	0	0	0	0	3	7	15	3	2	13
16	1	6	8	14	16	7	5	9	17	3	6	14	10	6	4	21	8	5	15	15	15	7	18	8	10
17	4	3	6	5	1	4	20	9	11	24	18	6	27	44	15	0	0	0	7	9	0	0	0	0	9
18	0	0	0	0	0	0	0	1	1	3	10	6	11	10	7	8	9	26	26	5	2	4	23	34	8
19	26	26	15	24	9	2	3	0	0	0	4	17	15	21	19	21	21	19	9	21	1	11	12	6	13
20	16	31	21	19	29	23	14	7	18	8	18	13	6	13	12	9	10	19	6	****	****	21	32	15	16
21	28	12	2	27	22	19	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	******
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2	5	7	15	6	24	20	17	4	4	0	0	0	****	****	****	3	25	8	0	0	23	9	5	8
24	11	6	2	9	21	7	7	16	11	2	4	4	11	9	10	7	27	32	43	46	6	0	0	0	12
25	0	0	0	5	47	47	0	1	2	0	0	0	0	4	2	1	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	****	****	****	****	****	0	0	2	3	0	0	0	0	3	0	0	0	0	0
27	0	9	0	0	0	0	0	9	0	1	4	3	4	2	0	0	0	0	0	2	7	29	48	40	7
28	10	0	18	8	8	0	11	4	2	4	8	35	38	47	33	29	31	11	9	44	56	59	22	****	21
29	****	9	32	37	37	26	16	13	10	1	0	1	5	5	17	14	12	****	****	****	****	****	0	0	13
30	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	5	3	0	0	0	58	24	4	2	4
MEAN	6	6	7	11	11	11	7	6	5	3	5	6	7	9	7	7	7	8	7	10	14	16	12	9	8.3

PERCENTAGE OF DATA VALID - 62.9 PERCENTAGE OF DATA INVALID - 37.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION : NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	5	15	24	34	0	0	7	1	1	0	0	1	6	0	4	1	3	3	0	0	0	0	0	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	4	0	0	1	2	1
3	0	0	0	0	0	6	25	4	3	5	4	7	****	****	****	****	29	21	2	7	5	1	1	1	6
4	0	0	0	0	0	0	0	0	****	1	3	4	1	0	0	0	0	0	0	1	1	1	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
6	0	0	0	1	16	1	5	4	10	19	21	21	8	0	0	1	0	0	0	1	0	0	1	1	5
7	1	1	0	0	10	16	9	9	2	10	2	3	9	4	3	1	0	50	51	32	31	54	10	3	13
8	0	0	0	4	9	28	44	17	26	11	11	8	****	3	0	0	0	1	2	1	0	0	0	0	7
9	0	0	0	1	3	4	2	3	2	1	1	0	1	0	0	0	0	1	2	1	1	0	0	0	1
10	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	5	2	0	0	0	0	0	0	0	0	0	1	1	****	0	0	0	11	1
12	9	7	3	1	0	2	3	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	*
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	3	14	0	0	1	5	34	3
15	16	13	16	33	25	21	19	13	12	7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	7
16	0	0	0	0	0	0	0	1	1	0	0	1	****	****	1	0	0	0	0	0	0	0	0	0	0
17	1	0	0	0	9	15	0	3	3	6	1	4	1	1	7	17	4	1	11	7	11	1	0	0	4
18	0	0	1	7	4	0	0	0	0	0	1	3	3	1	1	0	0	0	0	5	9	15	8	2	
19	15	1	2	2	5	6	4	4	1	1	0	1	0	0	0	0	1	1	1	1	1	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	1	1	1	1	1	6	4	1
21	1	4	5	0	3	11	16	20	6	12	15	5	5	11	11	16	15	2	26	22	28	22	11	39	13
22	2	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	2	1	0	0
23	1	1	0	0	0	0	0	0	0	1	0	0	0	6	2	6	5	3	1	23	23	37	13	6	5
24	8	4	2	9	10	13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
25	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1	1	0	0	1	0	1	12	41	9	3
26	4	1	25	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
27	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	9	32	6	5	8	2	3
28	4	6	6	10	13	14	0	1	6	17	24	19	20	9	7	1	4	4	0	1	0	0	0	0	7
29	4	0	0	0	0	0	0	0	1	1	1	3	4	0	3	0	1	1	1	9	44	1	0	0	3
30	0	0	0	0	0	1	3	6	1	6	0	1	2	1	1	1	1	3	14	22	1	0	0	0	3
MEAN	2	1	3	3	5	5	5	3	3	4	3	3	2	2	1	2	2	3	5	6	5	5	4	4	3.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	1	0	0	0	0	1	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0
2	1	0	10	10	8	4	5	8	6	2	5	5	5	2	2	1	4	3	0	0	0	0	1	1	3
3	0	0	0	0	0	0	1	0	0	0	0	2	1	****	10	3	4	5	0	0	9	14	5	1	2
4	0	0	0	1	0	84	67	13	14	0	6	0	0	2	0	0	2	38	9	55	33	3	9	6	14
5	0	0	1	2	5	2	1	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	2	5	6	13	5	2	2
7	22	17	30	22	28	20	35	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	5	9	3	4	4	1	0	3	1	1	16	42	48	39	56	14	0	0	0	10
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	17	1
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	11	14	11	22	19	3
14	8	0	0	0	0	0	0	0	0	0	1	2	9	2	5	2	0	0	15	6	23	2	7	2	4
15	3	2	34	16	19	12	8	24	32	15	4	3	10	17	3	4	0	1	52	56	11	6	0	0	14
16	3	11	5	12	14	9	2	0	0	0	0	0	4	0	0	1	0	0	0	0	1	2	17	6	4
17	4	19	22	23	5	7	18	0	1	1	5	4	5	6	2	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	9	10	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	3	37	82	16	7	2	3	7	4	1	5	2	2	4	0	0	0	10	7	0	0	8
23	0	0	0	10	26	23	34	9	23	27	1	1	17	13	15	12	1	2	2	1	0	0	0	1	9
24	1	1	1	0	0	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0
26	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0
27	****	0	0	0	0	0	0	0	0	0	0	2	3	0	0	****	0	0	0	2	0	0	0	0	0
28	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
29	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
30	0	0	0	0	0	1	3	1	0	0	0	2	3	1	1	0	0	0	1	****	0	0	0	1	1
31	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	3	3	5	8	7	2	3	2	1	1	2	2	2	1	2	3	4	7	4	2	2	2	3.0

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9	3	41	39	4
2	6	1	1	6	5	3	2	12	8	6	18	20	14	29	10	****	****	7	5	0	0	0	****	****	8
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	******
4	0	0	0	0	0	0	0	0	0	5	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	****	****	****	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	2	3	15	19	2
8	8	13	6	1	6	10	3	9	5	0	4	15	6	3	0	0	0	0	0	0	1	0	0	0	4
9	0	1	1	0	1	1	0	5	0	1	1	2	3	1	4	1	0	0	0	0	1	8	2	0	1
10	6	12	7	10	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	12	4	0	0	2
11	9	5	4	18	22	8	2	0	2	2	12	2	1	4	2	1	1	5	14	13	0	2	4	10	6
12	0	9	0	1	11	12	0	0	8	****	****	****	0	0	0	1	1	3	1	0	0	0	0	0	2
13	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
14	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	6	0	2	1	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	****	****	****	****	****	0	0	0	0	1	1	0	0	0	0	0	2	38	26	1	0	4
18	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
19	1	1	0	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
20	2	0	0	0	0	0	0	3	3	0	0	1	1	0	2	1	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	6	4	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
24	0	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	******
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	6	1	0	0	0	0	0	7	25	17	6	4	3	10	5	1	0	0	0	0	4
27	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	2	2	1	2	2	2	0	2	1	1	2	2	2	2	1	0	0	1	1	1	2	2	3	3	1.6

PERCENTAGE OF DATA VALID - 78.9 PERCENTAGE OF DATA INVALID - 21.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3	****	****	****	****	****	****	****	****	****	2	4	0	0	7	12	13	5	5	1	2	4	11	2	4	******
4	12	10	1	4	1	1	12	16	10	2	11	8	1	0	0	8	10	14	14	3	11	13	19	3	8
5	1	3	1	1	0	0	0	0	1	1	10	3	2	1	18	5	7	1	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	2	4	5	4	3	1
12	9	3	7	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	3	0	2	18	16	6	2	5	2	1	1	2	2	1	0	0	0	0	0	0	0	0	3
16	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	6	4	5	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	5	6	0	2	4	4	1
22	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	2	2	2	2	1	1	0	0	0	0	0	1	3	2	3	3	6	0	1
27	0	0	0	0	0	1	1	1	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	16	2	3	10	13	3	2	2
30	0	1	2	4	2	5	2	6	4	3	5	16	9	11	2	2	1	0	0	0	0	0	0	0	3
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	0.9

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 8.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2.9	14	70
FEB	23	0.5	3	36
MAR	31	2.8	12	72
APR	30	3.1	16	74
MAY	25	3.7	10	124
JUN	26	5.4	16	104
JUL	12	6.0	26	75
AUG	19	8.3	21	89
SEP	30	3.4	13	54
OCT	31	3.0	14	84
NOV	23	1.6	8	41
DEC	28	0.9	8	19
YEAR	307	3.3	26	124

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	632	38	15	13	3	0	0	0	701
FEB	546	4	1	3	0	0	0	0	554
MAR	686	22	13	18	4	0	0	0	743
APR	644	47	9	12	2	0	0	0	714
MAY	580	30	14	12	5	1	0	0	642
JUN	535	52	12	20	15	1	0	0	635
JUL	267	28	10	19	4	0	0	0	328
AUG	346	56	28	29	9	0	0	0	468
SEP	630	40	16	15	2	0	0	0	703
OCT	667	31	11	12	7	0	0	0	728
NOV	543	18	3	4	0	0	0	0	568
DEC	663	19	0	0	0	0	0	0	682
YEAR	6739	385	132	157	51	2	0	0	7466

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
85.0	0	0.0	0.0	0.0	0.4	9.7	18.7	32.6	44.7	124	3.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	3	5	4	5	5	9	7	3	11	4	5	4	4	2	0	0	0	4	2	8	11	14	14	5
4	7	1	1	6	1	4	7	7	3	0	2	5	7	7	5	3	2	1	1	0	0	0	0	0	3
5	2	2	4	2	2	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0	0	3	4	0
8	4	4	3	3	2	2	3	3	4	4	2	0	0	0	0	0	0	0	1	1	2	1	2	1	2
9	1	2	1	1	0	0	0	3	8	8	3	1	0	0	0	0	1	2	5	9	3	2	0	0	2
10	2	1	1	1	0	0	1	0	0	7	10	6	3	1	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	3	4	0	0	1	2	1	1	2	2	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	16	21	22	12	2	1	0	3
14	0	0	0	0	1	0	0	0	3	2	1	0	1	0	****	****	0	3	1	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	0	0	0	1	8	13	1
20	9	8	9	8	7	7	4	3	0	3	1	5	3	0	0	0	1	1	1	1	4	2	3	8	4
21	7	3	9	6	4	2	4	7	4	2	14	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29	****	****	****	****	****	****	****	****	****	7	5	5	3	0	0	0	0	0	0	0	1	2	3	******	
30	1	1	0	0	1	0	0	1	0	3	0	6	1	4	1	0	1	1	1	0	0	5	2	1	1
31	2	4	1	1	3	1	1	1	****	7	3	0	0	1	3	0	2	2	****	****	****	****	****	****	2
MEAN	2	1	2	1	1	1	1	2	1	3	2	1	1	1	1	0	1	1	2	2	1	1	2	2	1.4

PERCENTAGE OF DATA VALID - 72.3 PERCENTAGE OF DATA INVALID - 27.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	3	0	2	2	****	66	32	12	17	5	1	1	2	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	52	41	****	52	22	20	******
19	18	21	11	7	7	7	5	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	3
20	0	0	0	1	5	4	5	4	****	6	10	2	0	0	0	0	0	0	0	0	****	0	0	0	2
21	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
22	0	0	0	1	6	2	6	9	****	3	4	5	9	10	2	5	5	0	0	0	****	0	0	0	3
23	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
24	0	6	5	8	0	0	1	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1
25	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	11	13	13	2
26	5	4	7	10	0	0	1	2	****	0	1	0	0	2	****	6	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	1	4	10	9	7	2
28	8	7	7	5	5	4	4	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	2
29	1	0	0	2	2	3	2	0	1	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	3	3	3	3	2	2	2	7	9	2	3	1	1	2	0	1	0	0	4	4	1	6	4	3	2.7

PERCENTAGE OF DATA VALID - 38.5 PERCENTAGE OF DATA INVALID - 61.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	5	3	3	5	6	6	7	9	16	5	1	0	1	7	1	2	0	0	2	9	10	8	16	5
2	21	16	8	9	10	13	12	12	4	2	0	0	0	4	4	0	0	0	0	0	0	2	6	1	5
3	10	5	4	5	0	0	0	4	3	1	0	2	0	0	0	0	1	2	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	4	1
5	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	15	7	7	1
6	16	19	28	20	10	3	8	7	6	8	10	11	8	2	4	0	1	0	2	8	29	9	7	8	9
7	19	15	7	9	8	7	7	5	16	7	37	3	2	1	0	0	0	0	0	0	0	0	0	0	6
8	2	3	5	6	8	0	2	5	1	13	11	8	6	0	1	0	0	0	0	0	0	0	3	5	3
9	6	4	3	8	10	4	3	2	16	20	13	7	1	0	0	0	0	0	0	0	13	3	0	2	5
10	1	0	0	1	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	3	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	2	3	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	2	3	3	7	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	0
20	3	2	4	3	2	3	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
22	11	6	7	11	8	9	7	4	0	1	2	3	4	2	0	0	0	0	0	0	0	0	0	0	3
23	0	0	1	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	4	6	5	1	3	2	1	2	3	1	2	0	0	0	1	1	1	4	2
26	3	3	2	2	3	3	3	5	6	1	44	8	2	0	0	0	0	0	0	0	0	0	0	0	4
27	0	0	0	0	0	2	3	1	1	0	0	0	0	0	0	0	1	2	0	0	2	11	9	7	2
28	6	6	5	1	3	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	1
29	4	5	3	2	1	0	1	5	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
30	2	1	1	1	0	0	1	0	10	10	9	0	0	0	0	0	0	0	0	0	0	0	0	3	2
31	9	1	4	11	12	24	34	24	14	4	1	12	15	7	7	2	1	0	0	0	2	4	2	8	8
MEAN	4	3	3	3	3	3	4	3	3	3	5	2	1	1	1	0	0	0	0	0	2	2	2	2	2.1

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	2	3	4	8	9	15	5	2	13	6	1	0	0	0	0	0	0	0	0	0	4	8	7	4
2	5	6	6	7	10	24	24	10	3	0	3	0	0	8	0	0	0	0	0	0	1	1	0	1	5
3	3	9	17	14	5	6	2	2	0	1	1	0	0	0	0	0	0	0	0	0	2	7	6	5	3
4	4	6	16	0	2	3	2	3	6	6	4	3	0	0	0	0	0	0	0	5	7	9	16	7	4
5	22	14	18	25	20	19	16	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0
14	0	1	4	2	0	0	4	4	5	16	22	2	0	0	0	8	2	0	0	2	2	4	8	4	4
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	2	25	8	35	30	2	0	0	0	0	0	0	0	0	0	0	1	1	0	4
18	2	7	8	11	3	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
19	8	8	7	8	4	5	5	6	8	7	23	0	0	0	0	0	0	0	0	0	0	0	4	6	4
20	9	11	16	8	24	7	4	7	5	14	7	2	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	3	2	1	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
27	3	4	3	0	2	4	2	1	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	1	2	4	8	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	2
29	8	10	8	25	13	8	0	0	0	6	1	0	0	0	0	0	0	0	0	1	0	0	1	3	4
30	1	3	7	12	8	2	3	2	6	13	3	1	0	0	0	0	0	0	0	1	1	4	13	7	4
MEAN	2	3	4	4	3	3	4	3	3	4	2	0	0	0	0	1	0	0	0	0	0	1	2	2	1.8

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	9	13	15	20	20	14	21	15	10	15	5	1	0	0	0	0	0	0	0	0	1	1	5	8
2	13	10	25	35	10	2	3	2	22	13	19	7	0	0	0	0	0	0	0	0	0	1	1	8	7
3	11	13	2	3	0	3	8	4	12	1	0	0	0	0	0	0	0	0	0	0	0	0	1	12	3
4	8	5	13	2	1	11	37	22	51	19	9	5	0	0	0	0	0	0	0	0	10	6	12	10	9
5	5	7	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	6	2
6	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	4	3	0	0	0	0	2	****	****	****	****	****	****	****	****	****	****	0	******
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	14	0	4	16	2
12	31	17	17	11	24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6	10	5
13	5	5	6	7	6	6	3	8	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
14	0	1	3	3	4	4	0	3	0	****	0	0	0	0	1	0	5	0	0	0	0	1	18	18	3
15	7	15	21	5	17	34	44	48	16	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16	- DATA INVALID -																								
17	****	****	****	****	0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1
18	19	25	41	16	3	33	5	26	25	21	45	20	1	0	9	5	0	0	0	0	0	0	0	0	12
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	3	9	11	2	0	0	0	18	****	****	****	0	0	0	0	15	4	1	0	0	13	124	78	13
21	95	31	37	39	10	1	12	8	0	3	1	2	32	43	13	10	12	33	42	0	89	44	4	0	23
22	4	9	29	85	43	24	0	14	23	2	0	0	0	15	27	18	60	42	31	1	131	92	30	34	30
23	0	0	1	2	5	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	5	7	6	6	14	17	4	7	38	12	5	1	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
26	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	8	5	8	9	5	5	5	6	8	3	3	1	1	2	2	1	3	3	3	0	9	6	7	7	4.7

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 7.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	5	18	13	5	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	4	11	14	20	6	4	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
4	14	0	0	1	2	8	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	2	3	3	4	0	0	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	4	5	16	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	2	16	23	13	14	31	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	5	5
11	4	6	17	17	4	17	24	9	4	1	0	0	0	2	1	7	7	7	5	5	5	0	0	0	6
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	13	7	0	0	23	13	30	15	5
13	8	19	11	25	28	24	27	17	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	7
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13	1
16	25	3	5	3	5	3	0	15	22	4	5	2	3	0	0	0	0	0	1	2	2	26	41	63	10
17	53	33	15	43	56	17	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
18	0	0	0	0	0	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	1
19	11	14	20	24	31	32	20	14	5	13	11	5	0	0	0	2	0	0	2	5	0	0	2	12	9
20	13	11	15	29	28	18	33	21	30	29	6	0	9	4	11	0	0	0	0	0	0	6	2	10	11
21	1	1	1	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	1	3	5	6	8	4	3	3	5	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	2	0	19	12	8	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
24	0	0	0	0	0	0	2	9	15	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
25	0	0	0	0	7	9	9	14	6	4	1	2	8	1	8	10	0	0	0	0	0	18	19	21	6
26	4	6	9	12	9	4	2	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	3
27	0	0	0	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
30	- DATA INVALID -																								
MEAN	5	4	5	8	8	7	7	5	4	3	1	0	1	0	1	1	1	1	0	0	1	2	4	6	3.1

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	****	0	4	6	3	10	8	28	7	8	3	1	58	44	5	******
10	17	40	45	0	15	18	23	33	15	13	0	0	7	8	10	7	9	0	16	22	15	17	8	10	15
11	17	6	8	6	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	2	4	13	0	0	0	5	2	1	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1
14	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	2	2	3	2	1	0	0	0	1
15	0	3	4	6	7	6	5	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	5	7	9	4	4	3	4	6	3	2	0	1	2	2	3	2	6	1	4	4	3	11	7	2	3.9

PERCENTAGE OF DATA VALID - 22.4 PERCENTAGE OF DATA INVALID - 49.9 PERCENTAGE OF DATA UNAVAILABLE - 27.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA INVALID -													
7	****	****	5	9	3	11	4	12	4	3	0	0	1	0	0	0	0	2	4	22	39	29	26	23	9
8	26	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9	0	13	17	15	8	18	18	6	13	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	7	5	13	11	19	23	14	9	12	5	18	1	0	0	0	0	0	6
11	0	3	2	1	1	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	1	1	1	1	2	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
13	5	4	3	9	13	10	3	7	6	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
14	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	10	5	1
15	3	4	5	9	10	4	1	2	5	3	4	5	4	0	2	2	2	1	1	0	0	0	1	3	3
16	2	3	****	11	1	3	8	9	6	7	8	0	0	****	0	0	0	1	1	1	0	0	0	0	3
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	0	0	0	0	0	0	1	1	1	******
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	3	5	4	7	12	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	12	13	2
28	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1
29	1	7	6	4	7	8	11	5	9	6	3	0	2	7	5	1	1	0	0	12	6	3	1	12	5
30	17	11	19	48	7	4	49	50	39	3	0	1	0	0	0	0	1	0	0	0	0	0	0	0	10
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	4	4	6	3	4	6	6	5	3	2	1	2	1	1	1	1	1	1	2	3	3	3	4	2.9

PERCENTAGE OF DATA VALID - 55.8 PERCENTAGE OF DATA INVALID - 26.3 PERCENTAGE OF DATA UNAVAILABLE - 17.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	0	1	0	0	3	5	3	6	3	6	13	4	3	4	2	-	-	-	-	-	-	-	-	-	******
4	12	0	5	9	11	10	4	10	19	17	12	0	-	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -				1	0	0	0	0	0	0	0	12	******
13	-	-	-	-	-	-	-	-	-	-	-	- **** **** ****				0	0	9	19	15	9	13	14	18	9
14	12	18	4	9	9	8	5	10	16	18	12	1	0	0	0	0	0	9	19	15	9	13	14	18	9
15	12	7	2	0	0	1	11	13	14	0	0	0	0	2	16	10	10	5	4	3	21	25	27	22	9
16	23	14	10	11	7	2	14	14	35	21	14	8	6	2	7	0	0	0	0	0	14	14	6	0	9
17	0	0	0	0	0	0	0	0	10	5	12	0	0	0	0	0	0	0	3	12	24	26	22	25	6
18	28	21	31	29	6	21	27	31	5	15	23	6	3	2	10	12	23	27	14	10	10	11	9	18	16
19	18	27	25	36	42	41	15	27	35	32	9	1	2	3	2	18	24	18	19	19	9	15	5	4	19
20	1	1	1	16	0	0	3	0	11	9	3	0 ****	****	****	****	****	0	0	0	0	0	0	0	0	2
21	0	0	0	0	3	4	6	7	10	8	3	1	1	0	0	0	0	0	0	0	0	2	3	2	
22	12	5	16	1	1	0	12	6	3	5	2	0	0	0	1	1	10	3	10	12	25	20	2	3	6
23	22	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	8	2	1	0	0	1	3	0	0	0	0	0	0	0	0	0	4
25	16	13	5	0	2	3	5	4	5	4	6	1	0	1	1	0	0	0	9	10	0	0	0	0	0
26	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	2	7	7	10	11	5	12	7	****	**** **** **** ****				****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29												- DATA INVALID -													
30	0	0	0	2	7	9	8	3	5	0	7	5	2	0	1	0	0	3	9	10	14	18	13	12	5
MEAN	8	6	5	6	5	6	7	7	10	8	7	2	1	1	3	3	4	4	6	6	8	10	7	7	5.8

PERCENTAGE OF DATA VALID - 59.2 PERCENTAGE OF DATA INVALID - 9.6 PERCENTAGE OF DATA UNAVAILABLE - 31.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 ****		0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	41	27	16	4
3	7	8	5	8	10	10	0	0	0	0	0	0	6	2	1	1	1	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	4	5	8	10	7	5	2	4	1	0	1	1	3	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	3	1
9	8	14	9	3	4	6	8	5	1	0	0	0	0	0	0 ****	0	0	0	0	0	0	0	0	0	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0
11	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	5	7	2	0	2	1
12	0	0	0	0	1	1	2	5	5	7	7	7	1	8	0	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	1	0	4	16	32	5	9	1	4	2	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	7	3	0	0	0	0	0	0	0	0	2	5	0	0	2	1
15	10	13	22	19	16	9	4	0	0	0	3	3	2 ****	****		3	0	0	1	0	1	0	0	0	5
16	0	1	5	3	2	0	0	0	0	0	0	0	0	1	4	4	5	5	1	3	3	7	5	6	2
17	0	0	3	0	1	1	1	1	3	3	7	5	8	3	0	0	0	0 ****		0	0	0	1	4	2
18	14	7	0	14	22	26	22	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0 ****		0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	1	8	17	10	18	13	13	0	0	0	0	0	0	0	3	3	0	0	0	0	4
21	0	0	0	0	0	0	1	9	13	14	13	9	0	0	0	0	0	3	6	5	5	2	8	7	4
22	1	0	5	3	5	6	3	5	4	3	0	1	1	3	2	0	3	4	3	5	4	4	5	5	3
23	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
25	0	1	1	0	1	1	1	1	1	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0
26	0	0	0	0	0	0	3	2	1	1	1	0	0	0	0	0	0	0	0	0	11	17	10	9	2
27	10	13	9	5	6	0	1	3	10	13	9	7	2	0	0	0	0	0	0	0	3	6	1	8	5
28	10	21	38	29	27	42	44	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
29	0	0	0	0	0	0	0	0	8	3	5	8	3	4	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MEAN	2	3	3	3	3	4	4	3	3	3	3	1	1	1	0	0	0	0	1	1	2	3	2	2	2.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST, THUNDER BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	1.4	5	22
FEB	11	2.7	3	66
MAR	31	2.1	9	44
APR	30	1.8	6	35
MAY	28	4.7	30	131
JUN	28	3.1	11	63
JUL	6	3.9	15	58
AUG		DATA UNAVAILABLE		
SEP		DATA UNAVAILABLE		
OCT	17	2.9	10	50
NOV	16	5.8	19	42
DEC	31	2.0	9	44
YEAR	220	2.9	30	131

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	528	8	2	0	0	0	0	0	538
FEB	253	8	2	2	3	0	0	0	268
MAR	708	28	3	5	0	0	0	0	744
APR	681	23	9	2	0	0	0	0	715
MAY	596	46	13	24	7	2	0	0	688
JUN	598	47	12	13	3	0	0	0	673
JUL	149	10	2	5	1	0	0	0	167
AUG		DATA UNAVAILABLE							
SEP		DATA UNAVAILABLE							
OCT	377	26	6	6	0	0	0	0	415
NOV	331	62	23	10	0	0	0	0	426
DEC	705	19	7	7	0	0	0	0	738
YEAR	4926	277	79	74	14	2	0	0	5372

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
73.4	0	0.0	0.0	0.0	0.7	8.6	14.9	24.9	33.8	131	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NE NO 72063 MUNICIPAL GARAGE, SMOOTH ROCK FALLS MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	******
22	1	0	0	0	3	12	2	8	****	****	****	3	5	3	0	0	3	1	3	2	0	0	0	****	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	3	13	24	17	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 33.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 66.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NE NO 72063 MUNICIPAL GARAGE, SMOOTH ROCK FALLS MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18	29	20	11	3	2	1	0	****	4
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	2	7	8	3	3	4	3	1	1	1	3	2	2	0	0	****	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	4	1	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	2	6	5	5	6	4	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NE NO 72063 MUNICIPAL GARAGE, SMOOTH ROCK FALLS MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	5	3	8	16	11	8	3	8	****	6	6	12	4	11	14	23	18	1	1	0	2	7
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	****	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
10	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	3	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	1	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0.3

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NE NO 72063 MUNICIPAL GARAGE, SMOOTH ROCK FALLS

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP		DATA UNAVAILABLE		
OCT	10	0.5	3	24
NOV	30	0.2	4	29
DEC	31	0.3	7	23
YEAR	71	0.3	7	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NE NO 72063 MUNICIPAL GARAGE. SMOOTH ROCK FALLS

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	DATA UNAVAILABLE								
JUN	DATA UNAVAILABLE								
JUL	DATA UNAVAILABLE								
AUG	DATA UNAVAILABLE								
SEP	DATA UNAVAILABLE								
OCT	244	3	1	0	0	0	0	0	248
NOV	712	3	0	1	0	0	0	0	716
DEC	732	7	1	0	0	0	0	0	740
YEAR	1688	13	2	1	0	0	0	0	1704

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
77.2	0	0.0	0.0	0.0	0.0	0.0	0.4	4.2	7.8	29	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	5	4	3	3	2	3	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	2	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2
5	2	2	2	1	****	1	1	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	3	3	2
6	3	6	9	8	8	6	5	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	3	2	2	2	2	2	2	2	1
9	1	1	1	1	1	1	1	2	3	2	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2
10	2	2	2	1	1	1	2	2	3	6	****	8	2	2	2	2	3	3	2	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1
12	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	2	2	2	3	4	3	3	3	3	4	****	****	4	2	2	2	2	2	1	2
15	1	1	1	1	1	1	1	1	1	1	2	2	2	2	****	****	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	****	2	2	2	2	1	1	2
17	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	1	2	2	1	1	2	2	5	****	2	2	2	2	2	1	2	2	1	1	1	1	1	1	2
19	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	1	1	2
20	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	1	1	1	1
21	1	1	1	1	2	3	3	4	4	3	3	2	2	3	2	2	2	2	2	2	2	1	2	1	2
22	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	1	1	1	1	2
23	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
24	2	1	2	2	1	2	2	2	5	2	2	2	1	1	1	2	2	2	4	3	2	2	2	1	2
25	2	2	1	1	1	1	2	2	3	3	2	2	2	4	4	4	3	3	3	3	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	3	3	4	6	6	5	3
27	3	4	5	4	4	3	2	3	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
29	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	2	2
30	3	2	2	2	1	1	2	2	2	2	2	****	2	3	2	3	3	3	2	-	2	2	2	2	2
31	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	1	2	1	1	0	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	2
5	4	3	2	2	2	2	3	3	4	3	2	1	1	1	1	1	-	-	1	1	1	0	1	1	2
6	1	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
7	1	1	1	1	1	1	1	2	2	2	13	2	2	2	2	2	3	2	3	3	2	2	3	3	2
8	3	3	2	3	2	2	4	11	13	10	5	4	3	4	3	3	3	3	2	2	3	2	2	2	4
9	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2
10	2	2	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	3	3	3	3	2	2	3	2	2	2	2	2	2	1	2	2	2	2
13	2	2	1	1	2	2	2	3	3	1	2	2	2	2	****	****	2	2	2	2	1	1	1	2	2
14	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
15	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	****	3	3	****	2	2	1	****	2	2
16	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	1	1	1	2	1	2	2	1	1	1
18	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	2
19	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1
20	1	1	1	1	1	1	2	3	4	3	2	2	2	1	1	2	3	3	3	4	3	2	2	2	2
21	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
22	1	1	1	1	1	3	1	1	7	****	2	3	3	2	****	2	2	2	2	2	1	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2	3	3	2	2	2	3	2
24	2	3	3	2	1	2	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2
25	2	1	2	1	1	1	2	2	4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
27	1	3	1	2	2	4	****	2	2	2	1	2	2	2	1	2	2	2	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1
29	1	0	0	0	0	0	0	1	1	1	1	1	4	5	2	1	2	1	1	1	1	1	0	1	1
MEAN	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
2	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
3	1	0	0	1	2	1	0	1	1	1	1	1	1	1	1	1	****	1	0	0	0	0	0	0	1
4	0	0	0	0	1	1	0	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	1
5	0	0	0	0	0	0	2	0	1	2	4	2	0	0	1	1	1	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	1	1	4	1	1	1	2	2	2	2	2	1	2	2	2	1	2	1
7	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1	2	3	3	2	2	2	1	1	1	2
8	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	****	2	2	1	1	2	2	2	2
9	2	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2
10	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
11	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	0	1	0	1	1	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
13	1	1	1	0	0	1	1	1	1	3	****	2	2	2	2	2	3	2	2	2	2	2	2	2	2
14	2	1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	1	1	1	1
15	2	2	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
16	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
19	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	2	2	1	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2
23	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1
25	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	1
26	3	2	1	1	1	1	1	2	2	2	3	2	2	2	1	1	3	2	1	1	2	3	4	3	2
27	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2
29	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
31	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	-	1	1	1	1	1	2	2	1	1	2	1	1	2	3	2	2	2	2	2	2	2	2
2	1	2	2	1	1	2	2	3	4	6	3	3	2	2	3	2	2	2	3	2	2	3	2	2	2
3	2	2	1	1	1	1	1	2	2	2	2	2	-	2	4	2	2	2	2	1	1	1	2	1	2
4	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1
6	2	3	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
8	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
9	1	0	0	0	1	0	1	1	1	****	2	2	2	2	2	2	2	2	2	1	2	1	2	1	1
10	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
11	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2
12	2	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	3	3	2	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	****	1	1
16	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
17	1	1	1	1	1	1	1	2	2	1	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	1	3	4	3	2	2	2	3	2	3	3	3	2	2	2	2	2	2	2	2
19	2	2	3	2	2	2	2	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	1	1	1	1	2	3	3	2	****	2	2	2	2	2	2	2	2	2	2	-	-	2	2
22	2	2	1	1	1	2	2	2	2	2	2	2	-	2	2	2	2	2	2	3	2	2	-	2	2
23	2	2	1	1	1	1	1	-	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
24	1	1	-	-	1	1	1	1	1	1	2	****	****	2	2	2	2	2	2	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	2	2	2	2	2	8	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	1	2	2	1	1	2	3	2	2	2	2	2	2	2	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1
29	1	1	1	1	1	1	2	3	2	****	3	3	3	3	3	4	3	2	2	2	2	2	1	1	2
30	2	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1.6

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	4	5	8	6	4	3	3	3	2	2	****	-	2	****	3	2	2	2	2	3	3
2	3	3	3	3	3	4	4	6	6	4	4	3	2	2	3	3	2	2	2	2	3	3	5	4	3
3	3	3	3	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
4	2	3	4	5	4	4	5	4	2	4	4	2	2	3	2	2	2	2	2	3	3	2	2	2	3
5	2	1	1	1	1	2	4	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	1	1	2
6	1	1	1	1	1	1	2	10	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	2
7	1	1	1	1	1	1	1	1	****	****	****	1	2	1	1	2	1	1	1	1	1	1	2	1	1
8	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
10	3	2	2	1	1	1	2	1	1	1	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
12	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
13	2	1	1	1	1	2	2	4	6	3	3	3	3	3	3	3	2	2	3	3	3	3	2	1	3
14	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2
15	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	8	1	1	2	2	2	3	4	5	3
16	4	3	2	2	3	3	3	4	2	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	0	0	0	1	1	2	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	2	3	4	3	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2
22	2	2	2	2	2	2	3	3	3	****	3	2	2	2	2	2	2	2	2	2	2	3	3	4	2
23	5	5	4	3	3	3	3	4	3	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	3
24	3	2	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
25	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	****	1
26	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	1	1	1	1	2	2	2	2	1	1
27	1	****	1	1	1	3	4	4	3	2	3	2	2	2	2	3	2	1	1	1	1	1	1	1	2
28	1	1	1	1	1	3	3	4	3	3	2	2	2	****	1	2	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	2	3	3	4	****	5	9	4	3	3	2	2	2	2	2	2	1	1	2
30	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1
31	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
MEAN	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
2	2	2	1	1	1	1	1	2	****	1	2	2	1	1	1	2	1	1	1	2	1	1	1	3	1
3	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
4	3	3	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
5	2	2	2	2	2	2	2	1	1	****	****	1	1	1	1	1	1	1	1	1	1	2	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	1	2	2	3	3	1
7	4	2	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	2	1	1	1	1	1
8	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
9	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	1	1	1	1	2	3	****	2	****	****	****	1	1	1	1	1	1	1	1	1	2	2	2	1
12	2	2	2	2	2	2	3	2	****	3	****	2	1	1	1	2	1	1	1	1	1	-	-	1	2
13	1	1	2	1	1	2	2	2	1	-	-	-	1	1	1	1	1	1	****	****	1	1	1	2	1
14	2	2	2	1	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	2	4	6	5	3	3
15	3	****	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	1	1	****	1	1	1	****	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
18	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	8	2	2	2	1	1	1	1	2	2	1	1	1	2	2	2	2	2
21	2	2	2	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
22	2	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
23	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	2	2	4	2	1	1	1	1	1	1	2	-	1	1	1	2	2	2	2	1
25	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	1	1
26	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	****	2	2	3	2	2	2	1	2	1	2	2	2	2	2	2	1	2
28	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	3	3	3	2	2	1	2
29	1	1	1	1	1	****	****	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	4	12	10	3
MEAN	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2
2	1	1	2	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
3	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	****	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1
8	1	1	1	1	1	1	2	3	1	2	1	2	1	1	1	****	****	1	1	1	1	1	1	1	2
9	1	2	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1
10	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	1	1	7	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2
13	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1
14	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	****	****	0	****	4	2	2	2	2	2	2	3	2	2	2	2	2
17	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	4	2	2	2	5	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
20	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	1	2	2	3	1	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2
22	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	4	3	3	2	3	4	6	5	3	3	3	2	2	2	2	2	2	1	2	2	2	2	2	3	2
25	2	2	2	2	2	2	3	2	2	2	2	1	1	1	1	2	1	1	1	2	2	2	2	2	2
26	2	1	1	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2
27	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1	1	1
28	1	1	1	1	1	1	2	3	3	3	3	3	3	2	-	-	2	2	2	2	-	-	-	3	2
29	3	3	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	2
30	3	2	2	1	1	1	2	2	2	1	****	2	1	1	1	2	2	1	1	2	2	3	2	2	2
31	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	2	1	1	1	2	3	4	3	2
2	3	3	4	3	1	2	****	2	2	2	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2
3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
4	1	1	2	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
6	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2
7	3	2	2	1	1	2	3	2	2	2	1	2	2	1	1	1	1	-	1	1	2	2	2	2	2
8	3	2	1	1	1	2	2	2	1	2	2	4	8	2	2	2	1	3	1	1	2	2	1	1	2
9	****	1	1	1	1	2	2	4	2	2	1	2	2	1	1	1	1	1	1	1	2	2	2	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1
11	1	1	1	1	1	1	2	1	1	2	2	2	1	****	2	2	****	1	1	2	1	1	2	2	1
12	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	2	2	3	3	1
13	2	2	1	1	1	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	2	1	1	0	1	1	1	2	1	1	1	1	2	1	2	1	1	2	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	3	2	2	2
19	2	2	1	1	1	2	3	4	2	2	1	1	1	2	1	1	1	1	2	2	2	2	2	1	2
20	1	1	1	1	1	2	3	2	2	1	2	2	2	1	1	2	1	1	1	1	2	1	1	1	1
21	1	1	-	****	1	1	1	7	1	1	1	1	1	****	1	2	1	1	1	1	2	1	4	2	2
22	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	2	3	3	3	2	2
23	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
24	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
25	2	1	2	2	2	3	6	5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	2	3	-	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2
27	2	2	2	2	2	2	4	4	8	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
30	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1
31	2	2	1	1	1	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
MEAN	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	****	****	0	0	1	1	1	1	0	0	0	1	0	1	1	1	1	1	2	1	1	1	1
2	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	0	1	2	2	2	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1
4	1	0	0	1	1	1	2	2	1	1	0	1	1	1	1	****	1	1	2	-	2	3	3	2	1
5	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	2	2	3	5	4	3	3	2
6	2	2	2	1	1	1	2	2	2	2	2	2	1	1	2	1	1	1	1	2	1	2	3	2	2
7	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2
8	2	2	1	1	1	2	5	5	3	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	2
9	1	1	1	1	1	2	3	4	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	3	4	3	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
11	1	1	1	1	1	1	4	5	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
12	2	1	2	1	1	1	2	3	2	2	1	2	2	2	2	3	3	2	3	2	2	1	1	1	2
13	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	1	1	1	2	3	3	3	2	3	2
14	4	3	3	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	-	2	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	1
16	1	1	1	1	1	2	2	2	1	1	1	1	2	2	1	2	1	1	1	1	2	2	1	1	1
17	1	1	1	1	1	1	1	2	2	1	1	1	2	1	2	1	1	1	1	2	2	2	2	1	1
18	1	1	1	1	1	2	1	2	****	2	2	2	2	2	2	2	2	2	2	3	4	5	5	4	2
19	4	3	3	2	2	3	3	8	2	3	2	2	2	2	2	3	2	2	2	2	2	2	1	1	3
20	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2
21	2	3	2	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	2	2	2	2	2	1	2
22	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	1	3	2	1	1	1	2
23	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	1	2
24	1	1	1	1	1	1	3	4	2	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2
25	2	1	1	1	1	2	4	9	4	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	2	2	2	2	2	2	1
27	2	2	1	1	1	-	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	2
28	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
30	2	2	2	1	1	2	3	4	2	2	2	2	1	1	1	-	1	2	2	2	2	2	2	2	2
MEAN	2	1	1	1	1	1	2	3	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	3	4	3	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1
2	1	1	2	1	1	2	2	2	2	2	2	1	1	1	1	-	2	2	2	4	6	5	3	2	2
3	2	****	2	1	1	1	1	9	2	2	1	1	2	1	1	2	1	1	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	1	1	1	3	2	2	1	1	1	1	1	1	2	2	-	2	2	2	2	2	3	1
7	2	2	2	2	2	3	4	7	8	6	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3
8	2	1	1	1	1	1	2	2	2	-	-	1	1	1	2	2	2	2	3	3	2	1	1	1	2
9	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
10	1	1	1	1	2	3	3	5	3	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2
11	4	6	2	3	2	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
13	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
14	2	2	2	1	1	2	2	4	3	3	2	1	1	1	1	2	1	1	0	1	1	1	1	1	2
15	1	1	1	0	0	1	1	1	****	8	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
16	1	1	1	1	1	1	2	2	2	2	3	3	3	2	3	3	3	3	4	4	3	3	2	2	2
17	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2
18	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	2	2	2	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1	1	2	1	1	1
21	1	1	1	****	****	****	****	****	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
22	1	0	1	1	1	1	3	4	5	3	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2
23	1	1	0	0	0	1	1	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	1	2
26	-	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	4	2	2	2	1	2
28	2	1	1	1	1	1	1	1	1	1	0	1	1	2	2	2	2	2	2	2	1	1	2	2	1
29	1	1	1	1	1	1	2	2	3	4	3	2	2	2	2	2	2	3	2	2	2	3	4	6	2
30	6	4	-	2	3	4	5	6	7	4	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3
31	2	3	2	1	-	2	3	3	3	-	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3
MEAN	2	1	1	1	1	1	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
3	1	1	1	-	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	1	2	1	1	1	1
4	1	1	1	2	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2
5	2	2	1	1	1	1	2	2	3	3	-	-	2	2	2	2	2	2	3	3	3	3	2	2	2
6	2	2	1	1	1	1	1	1	-	-	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
7	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	6	6	5	3	2	2	1	1	2
8	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	0	0	1	1	0	2	2	2	2	2	-	2	2	2	2	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	******
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	2	2	2	2	2	******
13	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	3	3	3	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	****	2	2	3	2	6	3	3	3	3	3	3	2	2	2	2
15	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	3	3	2	2	2	2	2	4	3	2	-	2	2	2	3	3	3	3	3	3	3	2	2	2	3
18	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
19	2	1	1	1	1	2	2	2	2	3	3	3	3	6	6	4	4	4	4	5	4	4	3	3	3
20	2	2	2	2	1	1	2	2	3	2	2	3	3	2	2	1	2	1	1	1	1	1	1	1	2
21	1	1	1	0	0	0	1	2	2	****	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
22	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
23	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	1	2	2	2	3	4	4	3	3	3	3	3	3	3	3	2	2	2	2	1	2
25	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	4	4	3	3	3	4	6	7	3
26	7	5	4	4	3	3	3	5	6	6	6	5	4	3	3	2	2	2	2	2	2	2	2	1	4
27	-	1	1	0	0	0	0	0	9	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
28	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
29	2	2	2	2	3	3	2	2	2	2	2	2	2	4	4	4	4	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
MEAN	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	4	4	4	5	****	4	4	3	3	4	4	4	4	3	3	3	3
2	3	2	2	2	1	1	1	1	1	1	2	3	3	3	3	3	2	2	1	1	1	0	0	0	2
3	0	0	0	0	0	0	0	1	1	2	2	3	3	3	3	2	3	3	2	2	2	2	1	1	2
4	1	1	1	1	1	1	1	2	2	7	2	2	****	2	2	2	2	2	2	2	2	-	2	1	2
5	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	3	3	2	2	2	2	2	2	2
6	2	2	2	2	2	2	3	3	3	3	4	4	5	3	3	3	3	3	5	7	3	2	2	2	3
7	2	2	2	2	1	1	2	2	1	1	2	3	2	2	2	3	2	2	2	3	2	2	3	3	2
8	2	2	2	2	1	1	2	2	2	2	2	2	2	3	4	4	5	4	4	3	3	3	2	2	3
9	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	4	4	4	4	-	-	2	2	2
10	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	****	****	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	7	2	3	3	3	3	2	2	3	3	3	2	-	-	-	2	2
12	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3
13	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	2	2	2
14	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	3	3	3	3	2	2	2	2	3	3	4	4	3	****	****	4	4	4	****	4	4	3	3	3	3
16	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
17	2	1	1	2	2	2	2	3	4	5	****	****	3	1	0	0	0	0	0	0	****	0	0	0	1
18	****	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	-	-	-	0
19	0	****	****	****	****	****	****	****	0	0	1	2	-	-	3	3	3	3	3	2	2	2	1	1	******
20	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	1	1	2
23	1	1	1	1	1	1	1	1	****	2	3	3	3	4	3	3	4	4	****	4	3	3	3	3	2
24	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	1	1	2
25	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	3	2
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	4	5	6	6	6	6	6	6	5	5	4	4	3	3	3	4
30	2	2	2	2	2	1	1	1	1	7	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2
31	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2	2	-	2
MEAN	2	2	2	2	1	1	2	2	2	2	2	3	3	3	2	3	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.8	3	9
FEB	29	1.7	4	13
MAR	31	1.3	2	4
APR	30	1.6	2	8
MAY	31	1.8	3	10
JUN	30	1.4	3	12
JUL	31	1.6	3	7
AUG	31	1.4	2	8
SEP	30	1.6	3	9
OCT	31	1.7	3	12
NOV	28	1.9	4	9
DEC	30	2.1	4	7
YEAR	363	1.7	4	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	301	400	32	1	0	0	734
FEB	301	368	13	4	0	0	686
MAR	470	266	3	0	0	0	739
APR	335	359	9	0	0	0	703
MAY	355	329	43	2	0	0	729
JUN	458	222	8	2	0	0	690
JUL	255	465	11	0	0	0	731
AUG	490	229	13	0	0	0	732
SEP	378	312	21	1	0	0	712
OCT	389	304	32	2	0	0	727
NOV	238	407	35	1	0	0	681
DEC	196	464	52	0	0	0	712
YEAR	4166	4125	272	13	0	0	8576

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
97.6	0	0.2	0.6	1.0	1.5	2.2	2.8	3.7	4.7	13	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	****	****	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	2	2	1	1	0	0	****	****	****	1	1	0	0	0	1	0	0	0
5	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	1	2	1	0	1	2	1	0	0	0
6	0	1	1	0	1	1	0	0	1	1	1	1	1	1	0	0	1	0	0	0	0	1	0	0	1
7	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1	1	1	0	1	1	0
10	1	1	1	1	0	0	1	2	2	1	1	0	1	1	1	0	1	1	0	0	1	1	1	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
15	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	1	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
20	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0
22	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
26	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
27	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	0	1	1	1	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1
31	1	1	0	0	0	0	1	2	2	1	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0.4

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
5	1	0	0	0	0	1	1	1	3	3	1	1	0	1	2	1	-	-	2	2	1	1	1	1	1
6	1	1	0	0	0	0	0	1	1	1	1	1	1	1	5	2	3	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	****	0	****	5	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0
9	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	3	0	0
10	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	1	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	1	1	1	1	1	1	0	1
15	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	****	1	1	***	0	1	1	****	0	0
16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
18	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
19	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	2	2	1	0	0	1
20	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	****	****	0	****	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	****	****	0	****	****	****	****	0	****	0	****	****	0	****	****	0	0	0	0	0	0	0	0	******
25	0	****	0	****	****	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	****	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.5 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	****	0	1	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
5	1	1	1	0	0	0	1	2	2	1	****	****	****	****	****	****	****	0	0	0	0	0	1	0	1
6	0	0	0	1	1	0	1	1	1	0	0	1	1	1	4	0	0	1	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	0	0	1	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0
11	0	****	0	0	0	****	****	0	0	0	0	****	4	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	0	0	****	0	0	1	1	1	1	0	0	0	0	0	1	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	****	0
15	0	0	0	0	0	****	0	****	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
17	0	0	0	0	0	0	0	0	0	****	****	0	0	0	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	0	0	0	0	****	****	****	****	****	****	****	****	****	0	****	****	0	0	******
19	0	0	0	0	****	0	0	0	0	****	****	****	****	****	****	****	0	0	0	0	0	1	0	0	0
20	0	0	0	0	0	1	1	1	0	****	0	0	****	1	0	1	1	1	1	1	1	****	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
23	1	2	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	0	0	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	1	2	2	5	5	1
26	4	4	1	1	1	1	1	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	0	0	1	****	1	0	0	0	1
28	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 90.9 PERCENTAGE OF DATA INVALID - 9.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	0	0	0	0	0	0	0	0	0	0	****	0	-	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	****	****	****	****	0	0	-	0
9	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	2	1	2	0
19	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0
22	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	****	****	****	-	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	****	****	****	0
27	****	0	0	****	0	0	****	****	0	0	0	0	0	0	0	****	0	0	0	0	****	****	****	****	******
28	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	****	0
29	****	****	****	****	****	0	0	0	0	0	0	0	****	****	0	0	****	****	****	0	0	****	0	0	******
30	0	****	****	****	****	0	0	0	****	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 90.8 PERCENTAGE OF DATA INVALID - 8.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	-	0	****	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	3	0
3	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	0
4	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	0
10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
12	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	2	1	1	1	0
13	0	0	0	0	0	1	1	1	****	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
15	1	1	1	0	0	0	0	1	1	0	1	0	0	1	1	0	0	0	0	1	1	2	3	3	1
16	1	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	0	****	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
22	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
26	0	0	2	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
27	1	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	0	0	0	0	0	1	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
4	0	0	0	0	0	0	0	0	0	0	****	****	0	0	****	0	0	0	0	0	1	1	1	1	0
5	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
12	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0
13	0	0	0	1	1	1	0	0	1	1	****	1	0	0	0	0	0	0	0	0	0	0	1	1	0
14	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	1	0	1	1	1	1	2	1	1
15	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0
19	0	0	0	0	0	0	1	1	1	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0
22	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1	1	2	1	1	1	1
24	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
26	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0
29	1	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2	2	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	1	0	0	0
5	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6	0	****	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	****	****	****	****	****	****	****	****	0	0	****	****	1	1	****	****	1	1	1	1	2	2	2	******
9	2	1	1	1	1	1	2	2	1	1	1	2	2	2	1	2	1	1	1	2	2	3	4	5	2
10	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1
12	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	1	1	1	2	1	1	0
13	1	1	0	0	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1
14	1	0	0	0	0	1	2	1	1	1	0	0	0	1	0	1	1	1	1	1	2	2	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	3	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	0	0	0	1
17	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
18	1	1	1	1	1	1	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
19	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1
20	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
21	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1	1	1	3	4	0
24	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
26	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
28	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0
29	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	1	0	****	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	0	0	1	1	1	2	1	2	0
31	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
2	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0
3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	0	****	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0
7	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0
8	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	0	0	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0
13	0	0	0	0	0	1	0	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
15	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
17	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	****	****	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
19	****	0	0	0	****	****	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
20	0	0	****	****	****	****	1	0	****	****	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0
21	0	0	-	****	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
25	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	0	0	****	****	1	1	1	0	1	1	1	1	0	1	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	0	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1
30	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	****	0	1	1	1	1	0	0	0	:
31	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	0	1	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	1	0
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
3	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0
8	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
9	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	****	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
14	****	0	0	****	****	****	****	****	****	****	****	****	****	****	0	0	****	0	0	0	****	0	0	0	******
15	0	0	0	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
18	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	1	0	0	0
21	0	0	0	0	0	****	0	0	0	****	****	0	0	****	****	****	****	****	0	0	0	0	0	0	0
22	****	****	****	****	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0
23	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	2	2	1	****	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
25	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	****	0	****	****	****	0
26	****	****	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
29	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
30	0	0	0	1	2	2	2	1	0	0	0	0	0	0	0	-	0	1	0	0	0	1	0	0	0
MEAN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 6.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS. SARNIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	4	4	3	2	1	1
3	0	****	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	-	1	1	1	1	0	1	0
7	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	2	1	2	2	3	1	1
8	0	1	1	1	0	0	0	0	1	-	-	****	0	****	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	1	1	1	0	0
10	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	1	1	1	1	1	0	2	1	1	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	0	****	****	0	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0
17	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	2	1	1	1	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0
24	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	0
30	2	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS. SARNIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	-	-	-	-	-	0	0	0
8	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	-	4	0	0	0	0	0	0	0	1	1	1	1	1	0	0
13	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1	3	2	1	1	0	1	0	0	1
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
17	0	0	0	0	0	0	1	2	1	1	-	1	1	1	1	0	1	0	1	1	0	0	0	1	1
18	****	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	0	0	0	1	1	2	0
20	1	1	1	0	0	0	1	2	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
23	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	2	0	****	1	1	1	1	1	1	2	3	3	3	3	2	2	1	1
27	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 2.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1
3	1	1	1	1	1	1	1	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	1	0	0	0	****	****	****	****	1	1	0	0	0	-	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	-	-	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0
12	0	0	0	0	0	0	0	1	1	1	****	0	0	0	0	0	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
15	1	1	1	0	0	0	1	2	3	2	1	1	1	****	****	1	1	1	****	1	2	1	1	1	1
16	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	2	3	2	****	1	0	1	0	0	0	1	0	0	****	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0
19	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
22	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	0	****	0	1	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
26	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0
27	3	3	1	0	0	0	0	1	1	3	2	1	0	0	0	1	1	1	1	1	1	0	1	1	1
28	1	0	1	0	1	0	0	1	1	1	1	1	0	0	0	0	1	1	0	1	1	2	1	1	1
29	1	1	1	1	1	1	1	1	1	****	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
31	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	-	0
MEAN	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.4	1	4
FEB	28	0.2	1	5
MAR	29	0.2	1	5
APR	28	0.0	0	4
MAY	31	0.2	1	5
JUN	30	0.2	1	2
JUL	29	0.5	2	5
AUG	31	0.3	1	2
SEP	29	0.1	0	5
OCT	30	0.2	1	4
NOV	30	0.3	1	4
DEC	31	0.3	1	5
YEAR	357	0.3	2	5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA .

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	716	14	1	0	0	0	731
FEB	650	10	3	0	0	0	663
MAR	662	8	6	0	0	0	676
APR	651	2	1	0	0	0	654
MAY	719	13	1	0	0	0	733
JUN	706	6	0	0	0	0	712
JUL	661	37	3	0	0	0	701
AUG	704	6	0	0	0	0	710
SEP	655	15	2	0	0	0	672
OCT	696	14	3	0	0	0	713
NOV	679	20	1	0	0	0	700
DEC	695	16	3	0	0	0	714
YEAR	8194	161	24	0	0	0	8379

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.4	0	0.0	0.0	0.0	0.0	0.6	0.9	1.1	1.8	5	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0
4	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0
5	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0
6	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2	1	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0
10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	1	2	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	0	0	0
13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	2	2	1	1	1	1	0	0	1	0	0	1	0	0	4	3	1
15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	****	0	0	0	0	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	2	1	****	1	1	1	1	1	1	1	1	1	0	1	0	1	1
19	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	2	0	0	0	0	0	****	1	1	1	2	2	1	1	3	2	1
22	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	2	2	2	1	1	3	2	1
26	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0	0
27	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	2	1	2	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	1	1	2	1	1	0	2	1	0
29	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
30	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
31	0	0	0	****	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0.3

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. '-' INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	1	1	1	1	1	1	0	0
2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	0
5	1	1	0	0	0	1	2	5	8	2	2	1	1	1	1	1	-	-	1	1	1	0	0	0	1
6	0	0	0	0	0	0	1	1	1	****	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	0	1	2	4	4	****	1	0	0	0	0	0	1	1	1	1	2	1	1	1	1
9	3	3	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
10	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	0	0	****	1	1	1	1	2	1	1	0	1	0	2	1	1
12	0	0	0	0	0	0	0	1	2	1	1	0	1	0	0	0	1	1	1	1	1	0	0	0	0
13	0	0	0	0	0	0	1	1	2	1	1	0	1	0	1	0	1	1	0	0	0	0	1	0	0
14	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1
15	1	0	0	0	0	0	0	1	1	****	0	0	0	0	0	****	1	1	****	1	1	1	****	1	0
16	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1
19	0	0	0	0	0	0	1	2	1	1	0	1	1	1	1	1	2	2	1	1	1	2	1	1	1
20	1	0	0	0	0	0	1	2	1	1	1	1	2	1	1	2	2	3	2	2	1	1	1	1	1
21	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	****	****	0	1	1	****	2	2	1	0	0	1	0	0	1	0
23	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	2	2	2	2	1	3	1	1
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	1	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
27	0	0	0	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	2	1	0
MEAN	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0.5

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
3	0	0	0	0	0	0	1	1	2	1	1	1	1	1	0	1	****	1	0	1	0	0	1	0	1
4	0	0	0	0	0	0	0	1	1	****	1	1	1	1	****	****	****	3	2	1	2	3	3	0	1
5	0	0	0	0	0	0	0	2	1	1	2	1	0	0	0	0	0	0	****	****	****	****	2	****	0
6	****	****	****	****	****	****	1	1	2	****	****	2	2	2	2	3	5	3	5	2	2	3	2	1	2
7	0	0	0	0	0	0	1	1	0	0	1	0	1	1	1	1	6	2	1	1	0	0	0	0	1
8	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9	0	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
14	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	1	1	2	1	1	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2	1	3	1	0
16	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	1	1	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0
20	0	0	0	0	0	0	1	1	0	0	0	0	0	****	0	1	1	1	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	0	1	0	0	1	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
27	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
28	1	0	0	0	0	0	1	2	1	****	0	0	0	0	0	0	0	1	1	1	1	2	2	1	0
29	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
30	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	3	****	0	0	0	0	1	0	0	1	0	0	2	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0.3

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0
2	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	1
3	1	1	0	0	0	0	0	1	0	0	0	0	-	0	0	0	1	0	0	0	0	0	0	0	0
4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0
6	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	-	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	1	0	2	1	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	1	0	0	****	****	1	1	1	1	1	1	2	1	2	4	5	;
12	0	1	0	0	0	0	0	0	0	1	1	2	2	2	1	0	1	1	0	1	1	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0
15	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	****	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
17	0	0	0	0	0	1	1	1	1	0	0	0	****	1	0	0	1	1	1	1	1	0	0	0	0
18	0	0	0	0	0	0	1	2	1	0	0	****	0	0	0	0	0	0	0	0	1	2	8	11	1
19	10	8	3	2	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	1	1	0	****	0	0	0	0	0	0	0	0	0	1	4	-	6	7	1
22	6	7	4	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	-	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	3	0
26	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	****	1	0	1	1	1	1	1	1	1	1	1	0	1	4	1	0	1
29	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	1	1	1	3	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	0	0	0	0	0
MEAN	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	****	-	0	****	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	0	0	0	****	0	0	0	0	1	1	2	1	2	2	3	1
3	3	4	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	0	1
4	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
5	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	2	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	1	0
10	2	1	0	0	0	1	2	0	0	0	0	1	0	0	1	2	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	1	1	2	1	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	-	0
15	0	0	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
16	0	0	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
17	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	0	0	0	0	1	1	0	-	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
20	0	0	0	0	0	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	2	1
22	2	2	1	1	1	2	3	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
23	1	1	1	1	0	1	3	1	2	1	0	0	0	0	****	0	0	0	1	3	4	4	3	3	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	****	0
26	0	0	0	0	0	0	0	0	0	****	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
28	1	1	0	0	0	0	1	0	0	0	0	0	0	****	2	0	0	1	0	1	0	3	1	0	0
29	0	0	0	0	****	0	1	0	0	0	****	****	0	0	1	****	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1	****	0
31	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	****	****	****	****	****	****	******
MEAN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.3

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	2	1	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	0
12	3	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	1	0	0	0	1	****	1	1	1	1	1	1	1	1	5	0	1
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	3	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	0	0	0	0	****	0	0	0	0	1	2	1	2	2	6	2	1
24	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
2	0	0	****	****	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
4	0	0	0	0	0	1	2	1	5	0	0	****	0	0	0	0	0	0	0	0	0	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
7	1	0	1	1	1	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	0	0
9	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	2	3	3	1
10	2	1	1	1	1	1	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
14	0	0	0	0	0	0	1	1	****	****	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0
16	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	****	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	****	****	****	****	****	0	0	0	****	0	0	0	0	0	-	-	0	0	0	0	-	-	-	0	******
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	3	0
31	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0
2	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	1	1	******
4	2	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	******
5	0	****	****	****	****	0	0	0	****	0	****	0	0	****	0	0	0	****	0	****	****	****	****	****	******
6	****	****	****	****	****	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	****	0
7	****	****	****	****	****	0	0	0	0	0	0	0	****	0	0	0	2	-	0	0	1	1	0	0	0
8	0	0	****	****	****	0	1	1	0	****	****	****	****	1	0	0	0	0	0	0	0	0	0	0	0
9	****	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	****	****	****	0	0	0	0	****	0	0	0	****	0	0	0	0	0	0	0	0	1	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
25	0	1	0	0	0	0	2	3	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	1	1	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 89.5 PERCENTAGE OF DATA INVALID - 10.1 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	******
2	****	****	****	****	****	0	1	2	1	0	1	0	0	****	0	0	0	0	0	2	1	1	1	0	1
3	0	0	0	0	0	1	3	4	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
4	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	-	0	0	0	0	0
5	0	0	0	0	0	1	1	1	****	3	0	0	0	0	1	0	1	1	2	4	3	3	2	1	1
6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	6	5	1
7	4	2	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	2	2	4	5	4	1
8	2	3	1	0	0	0	2	2	****	1	0	0	0	0	0	0	1	0	0	1	0	1	1	1	1
9	0	0	0	0	0	0	1	1	0	1	1	1	1	1	2	0	0	0	1	1	1	1	1	1	1
10	1	0	0	0	0	2	3	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1	1
11	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	1	1	1
12	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	-	0	****	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
19	0	0	0	0	0	0	2	1	0	****	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
23	****	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
25	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	****	****	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	-	1	1	0	0	0	0	1	0	0	0	0	0	0	1	2	4	1	1	1
28	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1
29	0	0	0	0	0	0	1	1	0	****	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
30	0	0	0	0	0	1	4	10	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0	1	2	1	2	2	1	1	0
3	0	****	0	0	0	0	1	1	0	9	0	0	0	0	1	1	0	0	1	1	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	3	1	0	0	0	0	0	1	1	1	-	1	0	0	1	0	0	0
7	0	0	0	0	0	3	6	12	5	1	0	0	0	0	0	0	0	1	2	4	2	0	0	0	2
8	0	0	0	0	0	0	1	1	0	-	-	0	0	4	2	0	0	0	1	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	2	3	3	2	0	0	0	0	0	1	0	0	0	0	0	0	0	****	0
15	****	****	****	****	****	0	0	1	1	1	1	0	1	1	0	0	0	1	1	0	0	6	1	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	****	0	0	0	1	1	1	1	0	1	0	0	0	2	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	0	1	1	0	0
19	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	0	****	0	1	0	0	0	1	1	1	1	0	0	1	1	0	0
21	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
22	0	0	0	0	0	0	1	1	0	0	0	0	0	****	****	0	0	0	1	0	0	3	1	0	0
23	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0
28	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	-	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	3	3	0
30	1	0	0	0	0	0	2	3	2	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0.3

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0
4	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0	1	2	1	0	0	0	0	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	5	4	1
6	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	5	2	3	3	1	1	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	-	6	1	1	0	0	1	0	0	1	0	0
13	0	0	0	0	0	0	0	1	1	0	0	1	1	0			2	2	2	2				0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	****	0	0	0	0	0	0	0	0	0
15	0	1	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0
17	1	0	0	0	0	0	0	1	0	0	-	0	0	0	****	6	1	0	1	1	1	1	2	0	1
18	****	****	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
19	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	2	2	1	1	1	1	2	1	1
20	1	1	0	0	0	1	1	2	2	1	1	0	0	0	0	1	1	2	1	1	0	0	1	0	1
21	0	0	0	0	0	0	0	1	1	1	1	1	1	0	****	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	1	0	0
23	0	1	0	0	0	0	0	0	0	0	0	0	0	3	2	1	2	0	0	0	0	0	****	0	0
24	0	****	****	****	****	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	****	****	0	****	0
25	****	****	****	****	****	****	****	0	0	0	****	0	****	****	****	0	0	0	0	1	0	2	3	1	******
26	0	0	0	0	0	0	1	2	4	2	0	0	0	0	0	0	0	2	2	1	1	0	2	0	1
27	-	0	****	****	****	****	****	0	****	****	****	****	0	0	****	0	0	0	****	****	****	****	****	****	******
28	****	****	****	****	****	****	1	0	1	0	1	1	1	****	****	2	2	3	2	2	1	1	3	2	1
29	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	1	1	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	1	0	0	1	0	0.4

PERCENTAGE OF DATA VALID - 92.8 PERCENTAGE OF DATA INVALID - 6.7 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	3	2	1	0	****	1	1	0	1	2	1	2	0	0	3	1	1
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	-	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	0	0	1	1	2	2	5	1
6	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	1	1	1	0	0	1	1	1
7	0	2	0	0	0	0	0	0	0	1	2	2	4	5	7	2	2	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	2	1	0	-	-	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	****	****	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	2	1	0	0	0	1	1	0	1	1	1	0	-	-	-	0	0
12	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	5	2	2	1	1	0	1	1	1
13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	0	1	1	1	1	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	0
15	0	0	0	0	0	0	2	5	8	7	3	1	1	****	****	0	1	1	****	0	0	0	3	1	2
16	1	1	1	0	0	0	0	0	1	0	0	0	0	4	****	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	2	1	0	0	1	1	1	1	1	0	0	****	0	0	0	0
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	-	-	-	0
19	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	1	1	1	1	1	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
22	1	0	0	0	0	1	2	3	3	2	1	1	1	1	1	1	1	1	0	0	0	1	2	1	1
23	1	1	0	0	0	0	1	2	1	9	1	1	1	1	1	1	2	1	****	1	1	0	1	0	1
24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	5	0	0	0	0	1	2	1
27	2	1	1	2	3	3	3	3	2	3	2	1	0	0	0	1	5	1	1	1	1	0	0	0	2
28	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1
29	0	0	0	0	0	0	0	1	3	1	****	****	1	1	1	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	1	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
MEAN	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	1	1	0	0	0	0	1	0	0.5

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.3	1	4
FEB	29	0.5	1	8
MAR	31	0.3	2	6
APR	30	0.4	1	11
MAY	30	0.3	1	8
JUN	30	0.1	1	6
JUL	30	0.1	1	5
AUG	28	0.1	0	5
SEP	29	0.4	1	10
OCT	31	0.3	2	12
NOV	28	0.4	1	8
DEC	31	0.5	2	9
YEAR	358	0.3	2	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	708	23	1	0	0	0	732
FEB	640	38	5	0	0	0	683
MAR	681	38	4	0	0	0	723
APR	667	24	11	2	0	0	704
MAY	668	32	9	0	0	0	709
JUN	690	18	2	0	0	0	710
JUL	698	14	2	0	0	0	714
AUG	657	8	1	0	0	0	666
SEP	636	42	10	1	0	0	689
OCT	699	21	5	2	0	0	727
NOV	616	45	7	0	0	0	668
DEC	662	42	12	1	0	0	717
YEAR	8022	345	69	6	0	0	8442

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.1	0	0.0	0.0	0.0	0.0	0.7	1.0	2.0	2.9	12	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	1	1	1	1	1	1	1	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0
21	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	0	0	******
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 44.9 PERCENTAGE OF DATA INVALID - 45.0 PERCENTAGE OF DATA UNAVAILABLE - 10.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	1	1	1	0	0	0	1	1	0	0	-	1	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0
3	0	1	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
13	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
16	****	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	0	******
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 90.5 PERCENTAGE OF DATA INVALID - 8.2 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	****	****	****	****	0
20													- DATA INVALID -												
21													- DATA INVALID -												
22	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
23	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 7.9 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
8	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	1	1	0	1	-	-	-	-	-	-	-	-	-	-	******
12												- DATA UNAVAILABLE													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	******
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
19	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 5.0 PERCENTAGE OF DATA UNAVAILABLE - 19.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	0	0	0	0	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	-	-	1	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
28	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0
4	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	0	0	****	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	****	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	-	-	0
3	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	-	-	-	1	1	0	0	0	0	0	0	0	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	0	0	-	-	-	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	1	2	1	1	1	1	1	0	1	1	1	1	0	0	-	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	0	1	1	1	1	1	1	1	1	0	-	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
25	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
26	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0
31	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	,	,
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.0	0	1
FEB	29	0.1	1	1
MAR	13	0.0	0	1
APR	30	0.0	0	1
MAY	31	0.0	0	1
JUN	30	0.0	0	1
JUL	27	0.0	0	2
AUG	28	0.0	0	1
SEP	21	0.0	0	1
OCT	31	0.0	0	1
NOV	30	0.0	0	1
DEC	31	0.3	1	2
YEAR	332	0.1	1	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	737	0	0	0	0	0	737
FEB	683	0	0	0	0	0	683
MAR	334	0	0	0	0	0	334
APR	713	0	0	0	0	0	713
MAY	738	0	0	0	0	0	738
JUN	713	0	0	0	0	0	713
JUL	672	1	0	0	0	0	673
AUG	664	0	0	0	0	0	664
SEP	542	0	0	0	0	0	542
OCT	732	0	0	0	0	0	732
NOV	714	0	0	0	0	0	714
DEC	727	1	0	0	0	0	728
YEAR	7969	2	0	0	0	0	7971

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.7	0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	2	0.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	****	0
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 31.9 PERCENTAGE OF DATA INVALID - 14.5 PERCENTAGE OF DATA UNAVAILABLE - 53.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	******
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	1	0	0	0	0	0	0	1	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
29	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 81.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 18.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
19	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
21	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0
22	0	0	1	0	0	1	1	1	1	0	0	0	-	1	0	0	0	0	0	0	0	0	0	1	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0
25	1	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
29	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
2	1	1	1	0	1	1	0	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
20	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
21	0	0	0	0	1	1	1	1	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0
22	0	0	0	0	0	0	1	1	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
25	- DATA UNAVAILABLE -																								
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	******
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
30	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 91.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 8.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	0
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	******
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 89.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
23	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
31	- DATA INVALID -																								
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 5.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - SEP 80

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2	****	****	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	******
10	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	******
11	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
24	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	1	2	1	0	0	-	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 91.0 PERCENTAGE OF DATA INVALID - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 3.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - OCT 80

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
15	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	3	2	1	1	0
28	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0
31	1	0	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	0.1	0	1
FEB		DATA UNAVAILABLE		
MAR	25	0.0	0	2
APR	30	0.2	1	2
MAY	28	0.1	1	1
JUN	30	0.0	0	1
JUL	28	0.0	0	1
AUG	29	0.0	0	1
SEP	26	0.0	0	2
OCT	31	0.0	0	1
NOV	30	0.0	0	3
DEC	31	0.1	1	3
YEAR	298	0.1	1	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	237	0	0	0	0	0	237
FEB		DATA UNAVAILABLE					
MAR	608	1	0	0	0	0	609
APR	714	3	0	0	0	0	717
MAY	678	0	0	0	0	0	678
JUN	712	0	0	0	0	0	712
JUL	668	0	0	0	0	0	668
AUG	703	0	0	0	0	0	703
SEP	654	1	0	0	0	0	655
OCT	739	0	0	0	0	0	739
NOV	717	1	0	0	0	0	718
DEC	733	7	0	0	0	0	740
YEAR	7163	13	0	0	0	0	7176

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.7	0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.9	3	0.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	1	1	1	1	0	0	0	1
3	0	0	0	0	0	0	1	2	3	1	1	1	1	1	1	2	3	4	2	2	2	1	1	1	1
4	1	1	0	0	0	1	2	3	3	2	1	****	****	1	1	1	2	2	1	1	0	0	0	1	1
5	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	1
6	2	4	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	****	****	1	1	1	1	1	1	0	1	0	0	0	0
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
10	1	1	1	1	1	1	2	3	4	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
11	1	1	1	1	1	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	2	2	2	1
12	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	4	2	2	2
13	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
14	1	1	1	0	0	0	1	1	1	2	****	1	1	1	1	3	2	3	2	1	1	1	1	1	1
15	0	0	0	0	0	1	2	4	5	2	****	****	1	1	1	1	2	2	1	1	1	0	0	0	1
16	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	2	1	1	1	1	1	1	0	1
17	0	0	0	0	0	0	3	4	5	2	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	1	****	****	1	1	1	1	1	1	0	1	1	0	1	1
19	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	0	1	1
20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1	1	1
22	0	0	0	0	0	0	0	0	1	1	****	****	1	1	1	1	1	1	1	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
24	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	3	3	3	1
25	4	4	2	1	1	1	2	3	5	4	2	****	3	5	3	3	2	3	2	2	2	4	1	2	3
26	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
27	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
29	1	1	1	0	0	1	1	2	3	2	1	2	****	****	1	1	2	3	3	2	2	2	2	2	2
30	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	2
31	2	2	1	1	1	1	2	2	3	3	2	2	3	2	2	2	2	2	2	2	2	3	3	3	2
MEAN	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2
2	2	2	2	1	1	1	2	2	2	2	2	3	3	2	2	3	3	3	2	3	3	2	4	2	2
3	2	2	3	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2
5	2	2	2	2	2	3	5	8	12	8	****	4	2	1	1	3	4	5	4	3	3	3	3	4	4
6	3	1	1	1	1	1	3	4	4	2	2	2	2	1	1	2	3	3	2	2	2	1	2	2	2
7	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	3	2	2	2	1	1	1	2
8	1	1	0	0	0	0	1	1	2	3	2	1	1	1	1	1	3	3	3	2	2	3	1	1	1
9	1	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1
10	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	1	1	****	****	****	2	2	2	2	1	1	1	1	1	1	1
12	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	0	0	1	1	2	2	2	2	3	2	1	2	2	2	2	1	1	1	1	1	0	1
14	0	0	0	0	0	0	1	1	2	2	1	1	2	2	2	2	4	4	4	4	3	3	5	2	2
15	4	4	3	2	2	2	3	3	3	2	****	2	1	2	2	2	3	3	2	1	1	1	1	2	2
16	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	1	3	1	1	1
17	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
18	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	3	1
20	2	2	1	1	1	2	3	4	5	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2
21	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	0	0	1	1
22	1	1	1	1	1	1	1	1	2	2	2	3	2	1	2	3	5	5	1	0	1	0	0	1	2
23	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
25	0	0	0	0	0	0	0	1	2	1	1	1	2	3	3	4	5	5	4	3	3	3	3	4	2
26	3	3	3	3	3	2	3	2	2	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0
28	0	1	1	0	0	1	3	4	4	2	2	2	2	2	2	3	3	2	2	2	1	1	1	2	2
29	2	2	2	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	2	2	2	1	1	1	1	2	1.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	1	2	2	2	2	1	2	2	2	2	2
2	1	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
3	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	0	0	0	0	2	4	4	3	****	3	2	1	1	1	1	1	1	1	1	1	0	0	1
6	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1
7	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	2	1
9	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0
10	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	:	:	:	****	****	****	:	:	1	1	1	1	*	*	*	1
13	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	3	3	2	0	0	0	0	0	1
14	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	2	0	1	1
15	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1
16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0
17	1	0	0	0	0	0	1	2	3	1	1	0	1	1	1	2	2	1	1	0	1	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1
20	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	3	5	4	2	1	1	1
21	1	1	0	0	0	0	1	2	2	2	2	1	2	1	1	1	1	1	1	0	0	1	0	1	1
22	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	2	4	1	1	1
23	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	1	1	2	3	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
25	1	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	2	2	1	1	1	2	0	1	1
26	0	0	0	0	0	0	0	2	2	1	1	1	1	0	1	2	2	2	2	2	1	1	0	1	1
27	1	1	0	0	0	1	3	3	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
28	1	2	1	0	0	0	1	2	3	1	****	1	1	1	1	1	2	2	2	2	2	2	1	1	1
29	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1
31	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	2	3	2	1	0	1	1	1	1	2	2	3	2	1	1	1	0	1	1
2	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
3	1	1	1	1	1	1	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
5	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	****	****	****	0
7	- DATA INVALID -																								
8	****	****	****	****	****	****	****	****	****	****	****	****	-	-	1	0	1	1	0	0	0	0	0	0	******
9	0	0	0	0	0	0	2	3	2	1	****	1	0	1	1	1	1	1	1	3	2	2	1	0	1
10	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1	*	*
12	1	1	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	0	0	1	1	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
14	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	0	0	1	3	1	1	1	1	****	1	1	1	1	2	2	2	2	2	1	1	1	1
18	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	4	4	3	3	3	3	4	5	5	2
19	6	8	7	2	3	2	4	1	1	2	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3
20	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	3	2	2
21	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	5	3
22	4	3	2	2	1	1	3	2	2	2	1	****	1	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	2	1	1	0	1	0	0	1	1	1	1	1	0	0	0	0	1
25	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1
26	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	1	2	2	2	1	****	1	1	1	1	1	2	1	1	0	0	0	1	0	1
30	0	0	0	0	0	1	2	3	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1
MEAN	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1
2	0	0	0	0	0	1	2	2	2	0	0	0	1	0	0	2	1	0	0	1	1	1	2	2	1
3	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	****	****	0	0	1	1	1	1	1	****	0	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	0
8	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
10	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1
12	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
13	0	0	0	0	0	1	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	0	1
14	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
16	1	0	0	0	0	1	2	2	1	1	1	****	****	0	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0
20	0	0	0	0	1	1	1	1	1	1	1	0	****	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
22	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1
23	1	0	0	0	0	2	5	3	1	****	2	2	2	2	2	2	2	3	3	3	5	5	3	3	2
24	3	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25	- DATA INVALID -																								
26	****	****	****	****	****	****	****	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	1	1	1	0	0	****	****	****	1	1	1	1	1	1	1	1	0	1
28	0	0	0	0	0	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	1
29	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0
3	1	0	0	0	0	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0
5	0	0	0	0	1	1	2	2	1	1	****	1	1	1	1	1	1	1	1	1	0	0	1	1	1
6	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	1
12	3	2	2	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
16	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	1	1	3	3	2	****	1	****	-	-	-	-	-	-	-	-	-	-	-	-	******
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	- DATA INVALID -																								
27	- DATA INVALID -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	- DATA INVALID -																								
MEAN	0	0	0	0	0	0	1	1	1	0	1	0	1	1	0	1	1	1	0	0	1	0	0	0	0.4

PERCENTAGE OF DATA VALID - 54.6 PERCENTAGE OF DATA INVALID - 35.4 PERCENTAGE OF DATA UNAVAILABLE - 10.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	0	0	0	0	1	1	0	******
15	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1
16	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	0	1
17	1	1	0	0	0	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	-	-	-	****	1	1	****	2	2	3	1	1	1	1	1	1	1	******
23	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	1	1	2	1	1
24	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	0	2
25	1	0	1	0	1	0	1	1	0	****	****	****	3	2	2	2	2	2	2	2	2	2	2	1	1
26	2	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	2	3	3	2	2	****	1	1	2	2	2	2	1	2	2	2	1	2	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
30	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	3	2	1	1	1	3	4	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	.1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 39.5 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 54.8

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	1	1	****	2	1	1	2	2	2	1	1	2	2	2	1	1	1	1
2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	1	2	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	1	2	2	1	1	1	****	1	1	2	2	1	2	1	1	1	1	1	1	0	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	2	1	1	1	0	1
8	0	0	0	0	0	1	1	1	1	1	-	2	3	3	2	2	2	2	2	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
11	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
12	0	0	0	0	0	1	1	1	1	****	****	****	1	2	4	2	2	3	3	3	3	3	2	2	2
13	3	2	1	3	3	3	5	4	3	3	2	4	3	3	3	3	3	3	2	2	2	0	0	1	3
14	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1
15	1	0	0	0	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	0	1	0	1
16	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1
18	0	0	0	0	0	1	1	1	1	1	1	****	-	-	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1.1

PERCENTAGE OF DATA VALID - 55.4 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 43.7

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	2	2	2	4	3	2	2	1	******
6	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	3	2	1	4	1	2
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
8	1	1	1	2	2	3	5	5	3	3	2	3	2	2	2	3	2	2	2	3	1	2	2	1	2
9	1	1	1	1	1	1	1	2	2	****	1	1	0	0	1	1	1	1	0	0	0	1	0	0	1
10	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
12	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
13	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	1
14	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0
15	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
16	0	0	1	1	1	2	3	3	2	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1
18	1	0	0	0	0	2	7	6	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	0	1
19	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	0	1
20	1	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	2	2	1
21	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	1	2	1	1	1	0	0	1	1	1	0	0	0	1	0	0	0	0
23	0	0	****	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1
24	0	0	0	0	0	2	3	3	1	0	0	1	1	1	2	2	2	2	1	1	1	1	1	1	1
25	1	1	1	0	1	2	7	7	4	2	2	1	1	1	2	6	6	4	3	2	1	1	1	1	2
26	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	2	1	1	1
28	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
29	1	1	1	1	1	4	6	5	2	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	2
30	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	0	0	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 84.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 15.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	5	6	7	4	3	2
3	3	1	1	1	1	3	4	3	2	2	2	2	2	2	3	3	2	3	4	4	3	2	3	2	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
7	1	0	1	1	1	4	9	5	3	2	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1
9	1	1	1	1	1	2	4	5	2	2	1	2	1	2	2	2	3	4	3	3	2	1	2	1	2
10	1	1	1	1	1	3	7	6	4	2	1	2	2	2	2	2	3	3	3	3	3	2	2	2	2
11	2	2	2	1	1	1	1	1	1	3	3	2	3	2	2	2	2	1	1	1	4	1	3	0	2
12	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	5	1	1
13	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	3	0	1
14	1	1	1	2	1	1	3	5	2	2	2	1	2	2	1	3	3	1	2	2	2	2	2	2	2
15	1	1	1	1	1	2	3	4	1	2	1	2	2	1	2	2	3	2	2	2	1	2	2	2	2
16	2	2	1	1	2	3	5	5	4	3	2	2	2	2	3	3	4	3	2	2	1	1	2	1	2
17	2	1	1	1	1	2	3	4	4	****	1	1	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	2	****	****	****	1	1	1	****	****	1	5	****	****	****	******
19	****	****	****	****	****	****	****	****	****	****	1	0	****	****	****	****	****	1	1	1	1	2	1	2	******
20	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	1
21	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1
22	1	0	1	0	0	1	1	1	1	1	1	2	1	1	2	2	3	1	1	1	1	2	2	2	1
23	3	1	0	1	1	2	3	4	2	1	1	****	1	1	2	2	2	2	1	1	1	1	1	1	2
24	1	1	0	****	****	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	1
25	1	1	1	0	0	0	1	1	1	2	3	2	2	3	3	2	2	1	1	1	6	0	2	0	2
26	1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	1	1	0	1	1	2	1	1	1
27	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	3	2	1	1	2	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	2	1	1.4

PERCENTAGE OF DATA VALID - 92.2 PERCENTAGE OF DATA INVALID - 7.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - NOV BD

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	3	2	2	2	1	1	3	2	2	2
2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	3	5	3	2	2	1
3	2	1	1	1	1	1	1	1	1	1	1	****	1	2	2	2	2	3	2	1	****	****	1	1	1
4	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1
5	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	3	3	2	2	2	2	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	1	1
7	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	4	3	3	2	2	1	1	0	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	3	3	2	2	2	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	2	2	2	1	1	1	1	2	1
11	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	1	2	2	2	3	2	3	3	2	2	1	2	2	2	2
13	1	1	1	1	1	1	1	2	2	1	1	1	1	****	2	2	3	3	2	2	3	3	3	2	2
14	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	3	3	3	2	1	2	2	1	1	1
15	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	1	2	3	2	2	1	1	1	2
16	2	2	2	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	3	5	4	5	5	5	2
17	3	2	2	2	2	3	4	5	6	5	3	2	2	2	2	2	2	3	2	2	2	1	1	1	3
18	1	1	1	1	1	1	1	3	3	2	1	1	2	1	1	2	2	2	2	2	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1
20	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	3	1
22	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	0	1	1	3	4	4	3	3	3	2	2	2	2	3	2	2	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	3	2	2	2	2	2	2	1
26	1	1	1	1	1	1	1	2	2	2	1	2	1	1	2	2	3	5	8	3	5	6	8	4	3
27	3	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	3	5	5	3	3	2	2	2	3	4	4	4	3	2	2	2	1	2
29	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	4	2	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - DEC BD

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	4	4	4	4	3	3	2	1	2
2	1	1	1	1	1	1	2	3	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	2	1	2	1
4	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	3	4	3	3	2	2	2	1	2
5	1	1	1	1	1	1	1	2	3	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
7	1	1	2	1	1	1	1	1	1	2	3	3	4	5	5	6	7	7	5	1	1	1	1	1	3
8	2	1	1	0	0	0	1	1	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
9	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	3	4	4	4	1	1	1	1	1	2
10	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
12	1	1	1	1	0	0	1	1	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	0	1
13	0	0	0	0	0	0	0	0	0	:	1	1	2	1	2	2	3	3	3	1	1	:	:	:	:
14	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	3	****	2	3	2	2	3	3	4	3	3	2	3	2	2	2
16	1	1	1	1	1	1	1	1	3	3	2	1	2	1	1	2	3	2	2	1	2	1	1	1	2
17	1	1	1	1	1	1	1	2	4	3	3	3	2	2	2	2	2	2	1	1	1	0	0	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1
19	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
20	1	1	1	1	0	0	0	0	1	1	2	2	2	3	2	3	2	2	1	1	1	1	1	1	1
21	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	1	1	1	2
23	1	1	1	1	0	0	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	3	3	5	4	4	4	5	5	7	2	2	2	1	1	1	2	3	5	4	4	4	3	2	2	3
28	2	3	5	3	2	2	2	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	2	3	3	4	3	2	2	2	2	2	2	2	1	1	1	0	1	2
30	0	0	0	0	0	0	1	1	2	1	1	1	1	1	2	2	2	3	2	2	1	1	1	1	1
31	1	1	1	1	0	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.0	3	5
FEB	29	1.4	4	12
MAR	31	0.8	2	5
APR	28	0.9	3	8
MAY	29	0.7	2	5
JUN	16	0.4	1	4
JUL	11	1.3	2	4
AUG	17	1.1	3	5
SEP	25	1.1	2	7
OCT	28	1.4	2	9
NOV	30	1.5	3	8
DEC	31	1.3	3	7
YEAR	306	1.1	4	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	544	167	16	0	0	0	727
FEB	409	250	31	1	0	0	691
MAR	621	109	5	0	0	0	735
APR	552	104	19	0	0	0	675
MAY	593	84	3	0	0	0	680
JUN	375	17	1	0	0	0	393
JUL	190	103	1	0	0	0	294
AUG	326	82	4	0	0	0	412
SEP	475	120	15	0	0	0	610
OCT	467	189	29	1	0	0	686
NOV	454	237	25	0	0	0	716
DEC	499	213	31	0	0	0	743
YEAR	5505	1675	180	2	0	0	7362

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83.8	0	0.0	0.1	0.5	0.9	1.8	2.5	3.3	4.1	12	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	1	1	1	1	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
5	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
6	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	0	1
7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1
9	****	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0
10	0	0	0	0	0	0	****	****	3	1	1	1	****	****	****	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	1
15	0	0	0	0	0	0	1	4	4	****	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
16	1	1	1	0	0	0	1	1	2	2	2	1	1	1	1	2	3	2	1	1	3	2	1	1	1
17	2	2	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1
19	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0
22	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
23	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	1	1	0	1	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
25	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	****	1	****	1	1	1	2	2	1	1	1	1	1	1	1	1
30	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
31	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	1
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.6

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0
4	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
5	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	3	3	4	1
6	2	3	2	1	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	1	1	0	0	1
8	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	0	****	1	1	1	1	1	1	1	1	1	1	0	1	1	1
13	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
15	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
17	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	****	1	2	2	2	2	3	3	3	2	1
20	2	2	3	3	2	2	4	4	10	3	2	2	2	2	2	2	2	3	2	2	2	1	1	1	3
21	1	1	1	1	1	1	2	2	3	2	1	1	2	2	2	2	2	1	1	1	1	1	2	1	1
22	1	0	0	0	0	0	1	1	1	1	1	1	1	1	4	3	2	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
25	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
26	0	0	0	0	0	0	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	0	0	0	1
27	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0
29	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1
4	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	2	3	****	2	2	2	3	2	2	2	2	1	1	1	1	1	0	1
6	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1
8	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	0	0	1	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	1
13	0	0	0	0	0	0	0	0	1	0	0	1	1	****	1	1	1	1	1	1	2	1	0	0	1
14	1	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1
16	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0
17	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	1	0	****	0	0	1	0	1	1	0	1	1	1	0	0	0	1
19	0	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	0
20	0	0	0	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	2	1	2	1	1	1	1
21	1	0	0	0	0	0	1	2	2	1	2	1	2	1	1	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	2	2	1	1	1	1	0	1	2	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	1	1	1	1	1	2	1
27	1	1	1	1	1	1	3	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	2	2	2	2	2	1	1	0	1	1	1	1	1	1	0	1	0	1
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	2	2	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1
3	2	1	1	0	2	1	3	2	1	****	1	1	-	1	1	1	1	1	1	1	1	1	2	1	1
4	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
5	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	0	0	1	1	1	1	1	0
6	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
7	1	1	1	0	0	0	2	3	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1
8	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	1	0	0	0	0	0	-	0
9	0	0	0	0	0	0	0	1	1	0	4	1	1	1	1	1	1	1	1	1	2	2	2	2	1
10	2	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
11	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
12	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	0	0	0	0
14	0	0	0	0	0	0	1	1	1	1	2	1	2	1	1	2	3	2	2	2	1	1	1	0	1
15	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******	
16													- DATA INVALID -												
17													- DATA INVALID -												
18	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	5	4	1	1	1	1	1	2	4	******
19	3	3	2	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	-	-	1	0
22	1	1	1	0	0	1	1	1	1	0	0	4	0	0	1	1	1	1	1	0	0	-	0	1	0
23	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
24	0	0	0	0	0	0	1	0	0	0	0	****	****	0	0	0	0	0	0	0	1	2	0	0	0
25	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	1	2	1	1	1
26	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
27	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	2	1	1	0	1	2	1	1	0	1
29	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
30	0	0	0	0	0	1	2	2	2	2	1	1	1	1	1	1	0	1	1	-	1	1	1	1	-
MEAN	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 87.4 PERCENTAGE OF DATA INVALID - 11.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	-	1	****	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
3	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	1
4	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
6	0	0	0	0	0	0	1	1	1	1	1	0	****	0	0	0	1	0	1	1	1	0	0	0	0
7	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
12	0	0	0	0	0	1	2	1	0	0	0	0	0	0	;	1	1	1	2	1	1	0	0	0	1
13	1	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	0	0	0	0	1	1	1	1	****	****	****	****	****	0	0	0	0	0	0	0	1	0	-	0
15	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	8	5	1
17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	****	****	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	****	0	0	1	0	0	0
20	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	****	****	****	****	0	1	2	1	1	****	1	1	1	0	0	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	0
23	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	3	4	3	1
24	2	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	1
25	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	0	****	0
26	****	****	****	****	****	****	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	****	****	****	******
27	0	****	****	****	****	0	0	0	0	****	1	1	1	1	2	2	2	1	1	2	1	2	2	1	1
28	1	1	1	1	1	1	1	1	5	1	1	****	****	****	****	****	1	1	1	1	1	2	2	3	1
29	2	1	1	0	1	1	3	2	1	1	1	1	1	1	1	****	2	3	2	2	2	1	1	1	1
30	0	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
31	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1
MEAN	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1
4	0	0	0	0	0	1	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
5	0	0	0	0	0	1	1	0	0	****	****	0	0	0	0	1	0	0	0	0	1	1	1	1	0
6	1	0	0	1	0	0	1	1	1	1	1	1	1	0	1	1	2	1	1	0	1	0	0	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	7	1	1	1	1	1	1	1	0	1	0	0	0	1	0	1
11	0	0	0	0	0	0	0	****	1	****	****	****	1	1	1	1	1	0	0	1	2	2	4	3	1
12	3	2	1	2	1	1	1	1	****	****	****	0	0	0	0	1	0	0	0	1	0	-	-	0	:
13	1	0	0	0	0	0	0	1	1	-	-	-	1	1	1	1	1	0	****	****	2	1	1	1	1
14	2	1	1	0	****	****	****	****	****	****	2	1	1	1	1	1	1	0	1	0	1	1	1	1	1
15	1	3	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	1	0	****	0	****	0	****	0	0	0	0	0	0	0	1	0	0
17	0	0	0	0	0	0	1	0	0	0	****	1	1	1	1	1	1	0	0	1	1	1	1	0	0
18	0	0	0	0	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	2	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	3	5	4	1	2	1	1
21	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	0	0	1	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	2	1	1	1	1
24	1	1	1	0	0	1	1	2	2	5	4	0	0	0	1	0	-	0	1	1	1	1	0	0	1
25	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
27	0	0	****	****	****	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0
29	0	****	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
30	****	0	****	****	****	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0.5

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1
3	2	1	2	1	1	2	2	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1
4	1	0	0	0	0	1	1	0	0	0	0	****	0	2	1	1	1	1	1	1	2	2	2	2	1
5	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
7	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	****	****	0	0	0	0	0	0	1	0
9	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	3	2	2	1	1
10	1	0	0	0	0	1	1	1	****	1	0	0	0	0	0	1	****	0	0	0	1	0	0	0	0
11	0	0	0	0	0	0	0	2	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	5	4	0	0	1	0	0	0	1	0	0	0	0	1	0	1
17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	****	****	0	0	0	1	1	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
24	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1
25	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1
27	1	1	2	1	1	0	1	0	1	0	0	0	0	0	0	0	3	2	7	4	2	1	0	0	1
28	0	0	0	0	0	0	1	1	1	1	1	1	1	1	-	-	0	0	0	0	-	-	-	0	0
29	0	0	0	0	0	0	0	0	0	7	1	3	1	2	2	1	1	1	1	1	1	1	2	1	1
30	0	0	0	0	1	1	1	1	1	1	1	1	****	****	****	1	1	0	1	1	1	1	1	1	1
31	1	1	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	0	1	1	0	0	1	0
3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	2	1	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1
5	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
6	0	0	0	0	0	0	0	0	1	0	0	****	****	1	1	0	1	0	0	1	1	1	0	0	0
7	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	-	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	1	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0
9	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	0	0
11	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	****	0	0	0	0	1	1	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	1	1	0	3	3	0	0	0	0	1	0	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
17	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
18	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	****	****	****	****	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	2	1	1	0	0	1
21	0	0	-	****	0	0	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
25	1	1	1	0	0	0	1	1	2	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	-	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28															- DATA INVALID -										
29	****	****	****	****	****	****	****	****	****	2	2	1	1	1	1	2	7	9	8	8	6	4	3	3	******
30	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	****	0	0	0	0	0	1	1	1	1
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0.4

PERCENTAGE OF DATA VALID - 90.9 PERCENTAGE OF DATA INVALID - 8.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0
3	0	0	0	0	0	0	0	0	3	5	6	4	3	2	2	1	1	1	0	0	0	1	1	1	1
4	1	0	0	1	0	1	0	0	0	1	5	4	4	2	2	3	2	2	2	-	1	1	1	1	1
5	1	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0
6	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	1	1	0	1	1	1	1	0	1
9	1	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1
10	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
12	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
16	0	0	0	0	0	0	0	0	0	2	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	0	1
18	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	1
19	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	1	1	2	1	1
20	1	1	1	0	0	1	1	1	1	1	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1
21	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
22	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	2	1	1	1	1	1
25	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1
26	1	1	1	1	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
27	0	0	0	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
28	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
29	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1
30	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1	-	1	1	2	2	2	1	2	1	1
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8																									
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
10	3	3	3	2	2	2	2	3	3	3	2	2	2	2	2	3	3	2	3	4	5	6	5	4	3
11	3	3	****	****	****	2	2	2	****	****	2	2	2	2	2	2	2	****	****	****	2	1	****	****	******
12	1	1	2	****	****	2	2	2	2	2	2	2	2	****	****	2	2	2	****	****	1	2	1	****	2
13	****	****	1	2	****	1	1	1	1	1	1	1	1	;	****	****	****	5	5	****	****	****	5	5	******
14	****	****	****	****	****	****	****	****	****	****	****	****	0	0	6	****	****	6	6	6	****	****	6	****	******
15	****	****	****	****	5	6	****	****	****	7	7	7	7	6	6	6	****	6	6	6	6	6	****	****	******
16	6	6	6	****	****	6	6	7	****	7	6	7	****	****	****	****	6	6	****	****	6	6	6	****	******
17	6	6	6	5	5	****	****	****	****	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0
21	0	0	0	0	0	0	0	1	2	4	4	2	1	1	0	1	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	****	1	1	0	1	1	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	2	1	1	1	0	1	0	1	1	1	1	-	1	1	1	1	0	1
25	0	0	0	0	0	0	0	0	1	1	-	1	1	1	1	1	1	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
30	0	0	-	0	0	0	0	0	0	0	1	0	0	0	0	-	-	1	-	1	-	-	-	-	0
31																									
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 79.2 PERCENTAGE OF DATA INVALID - 9.1 PERCENTAGE OF DATA UNAVAILABLE - 11.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	1	1	0	0	0	0	0	0	******
7	0	0	0	0	0	0	0	0	1	0	-	0	0	0	1	1	1	2	1	1	0	1	1	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	-	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	****	****	****	****	******
13	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	1	2	1	2	2	******
14	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0
17	1	1	1	1	1	1	1	2	2	1	-	1	1	0	1	1	2	2	1	0	1	1	1	1	1
18	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
19	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1
20	0	0	0	0	0	0	1	1	2	1	1	****	2	1	1	1	2	3	2	2	1	2	1	1	1
21	1	1	1	1	0	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1
22	0	0	1	0	0	0	1	0	1	1	0	1	0	1	1	1	2	1	2	1	1	0	1	1	1
23	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1
24	2	1	1	1	1	1	2	3	3	3	3	2	2	2	****	3	3	3	3	2	1	1	1	1	2
25	1	1	1	1	0	1	1	1	2	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1
26	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	3	4	5	3	6	3	3	2
27	-	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0
28	1	1	1	1	2	1	1	2	4	2	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 76.8 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 20.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	1	1	1	1	1	2	1	1	1	0
2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0
3	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
4	0	0	0	0	0	0	0	0	0	1	****	0	****	0	0	0	0	0	0	1	1	-	3	2	0
5	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
6	1	1	1	-	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	-	2	3	4	5	4	3	2	2	2	2	3	4	1	1	1	2
8	1	0	0	0	0	0	1	0	1	1	1	1	1	-	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	-	-	1	1	0
10	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	2	2	1
11	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	-	-	-	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
15	1	1	1	1	1	0	1	2	2	1	1	1	1	****	****	1	1	1	****	0	0	0	0	0	1
16	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	****	0	1	0	1
18	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	-	-	-	1
19	0	0	0	0	0	0	1	1	2	2	2	2	-	-	0	1	1	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	0	0	0	****	****	0	0	****	0	0	0	0	****	0
23	0	0	0	0	****	****	****	****	0	****	1	1	1	1	1	1	1	1	****	1	1	1	0	0	1
24	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1
25	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
27	0	0	0	0	0	0	1	1	2	3	2	1	1	0	0	0	1	1	1	1	1	1	1	2	1
28	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
29	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	0	1	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	-	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.6	1	4
FEB	29	0.7	3	10
MAR	31	0.6	1	3
APR	26	0.6	1	5
MAY	30	0.5	1	8
JUN	30	0.5	1	7
JUL	31	0.4	1	7
AUG	28	0.4	1	9
SEP	30	0.6	1	6
OCT	22	1.1	3	7
NOV	22	0.6	2	6
DEC	31	0.7	2	5
YEAR	341	0.6	3	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	692	36	2	0	0	0	730
FEB	631	56	4	1	0	0	692
MAR	698	39	0	0	0	0	737
APR	579	45	5	0	0	0	629
MAY	652	37	5	0	0	0	694
JUN	638	19	6	0	0	0	663
JUL	693	30	5	0	0	0	728
AUG	647	23	5	1	0	0	676
SEP	662	47	6	0	0	0	715
OCT	478	62	49	0	0	0	589
NOV	498	50	5	0	0	0	553
DEC	637	67	4	0	0	0	708
YEAR	7505	511	96	2	0	0	8114

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.4	0	0.0	0.0	0.0	0.4	0.9	1.5	2.2	3.6	10	0.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	1	****	0	0	0	1	1	1	1	1	1	1	1	1
2	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1
3	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
5	0	0	0	0	0	0	1	2	3	3	2	1	0	0	0	0	-	-	0	0	0	****	****	****	1
6	****	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
8	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	1	1	1	0	1	1	0	0	1
9	0	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0
10	0	0	1	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
11	0	0	0	0	0	0	1	1	1	****	****	1	1	1	1	1	2	2	1	0	0	0	0	0	1
12	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
15	2	2	2	2	2	2	2	3	3	3	3	2	2	1	1	****	4	2	****	1	1	1	****	1	2
16	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	0	0	****	****	****	****	****	0	1
17	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	0	0	1	1	0	2	1	1	1	1	1	2	1	1	1	2	1	1	1	1
19	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	4	4	4	3	4	3	4	3	3
20	3	3	2	2	1	2	2	2	2	3	2	3	3	3	2	3	3	3	2	2	1	1	1	2	2
21	2	2	2	2	1	2	2	3	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1
22	0	0	0	0	0	0	0	0	1	2	1	0	1	1	****	1	1	1	1	0	0	1	0	****	1
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	****	****	0	0	0	0	0	****	******
24	- DATA INVALID -																								
25	****	****	****	****	****	****	****	****	****	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	******
26	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1
27	1	1	0	0	0	0	****	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	1	1
29	1	1	1	1	1	1	2	2	2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 85.9 PERCENTAGE OF DATA INVALID - 13.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1
4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
5	1	1	1	1	****	1	1	1	0	0	0	1	0	0	1	1	0	0	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	1	1	0	0	1	0	0	0	1	1	2	2	1	1	1	1	1	2	1
8	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	1	2	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	3	4	3	4	3	3	2	2	3	3	4	4	3	2	3	4	4	5	3
11	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1	1	1	1
12	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	3	3	2	3	3	3	2
13	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2
14	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	1	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
16	2	1	1	2	2	2	2	3	2	1	1	1	1	1	2	2	2	****	2	2	3	2	2	2	2
17	2	3	3	2	1	1	2	2	4	5	4	4	2	2	2	2	3	3	2	2	1	1	1	1	2
18	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	3	2	2	1	1	1	1	2
19	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
20	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
21	1	0	0	0	0	0	1	1	1	5	4	1	2	1	1	1	2	3	3	3	2	2	2	2	2
22	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
23	1	1	0	0	0	1	1	1	1	3	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	****	0	0	0	0	0	0	2	2	1	1	0	0	0	0	1
25	0	0	0	0	0	0	0	1	2	1	1	****	****	****	****	0	1	3	2	2	1	1	1	1	1
26	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
28	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	0	2	2	1	1	1	1	1	2	1
30	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	-	0	1	1	1	1
31	1	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	1	1	2	2	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1.3

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1
3	0	0	0	0	0	1	1	2	2	1	1	1	1	0	0	0	****	0	0	0	0	0	0	0	0
4	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
5	0	0	0	0	0	0	1	3	2	2	2	1	0	2	2	1	0	****	****	****	****	0	0	0	1
6	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	0
7	1	0	0	0	0	0	0	3	4	2	1	1	1	1	1	2	2	2	2	1	1	2	1	1	1
8	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0
9	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0
10	1	0	0	0	0	1	2	2	2	1	1	0	0	0	0	1	1	1	0	0	0	****	****	****	1
11	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0
13	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	0	0	0	0	1	1
14	1	0	0	0	0	0	0	1	1	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
15	0	0	****	****	****	****	****	0	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	******
16	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0	0	0	1	0	0
17	0	0	0	****	****	****	3	4	3	2	2	1	0	1	1	1	2	2	1	0	0	0	0	****	1
18	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	******
19	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
20	0	0	0	****	****	****	0	1	1	0	0	0	0	****	0	0	0	0	1	1	1	0	0	1	0
21	1	0	0	0	0	0	1	0	0	0	1	3	3	3	1	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	2	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1
27	1	0	0	0	1	1	2	1	1	2	2	2	3	3	4	4	3	3	3	3	2	2	2	2	2
28	2	1	1	1	0	1	1	1	1	2	4	3	3	3	4	5	6	6	5	4	3	2	5	4	3
29	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
30	1	1	0	0	1	0	0	0	0	1	1	1	1	2	1	0	1	2	1	1	1	1	1	1	1
31	0	1	0	0	0	1	1	1	1	1	2	0	0	1	0	0	1	1	1	1	1	1	1	2	1
MEAN	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 90.1 PERCENTAGE OF DATA INVALID - 9.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	1	2	2	1	2	2	2	2	2	2	1	2	2	3	2	2	1	1	1	1	2
2	1	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
3	1	1	1	0	0	1	2	2	2	2	1	0	-	1	0	1	1	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
6	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	1	3	2	2	1	0	1	1	2	1	1	0	0	0	0	1
8	0	0	0	0	****	0	0	0	0	1	1	1	2	1	1	1	3	4	2	2	0	0	0	-	1
9	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	2	3	2	2	2	2	1	1	1
10	1	0	0	0	0	0	0	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1
11	1	1	0	0	0	0	0	2	1	1	2	3	3	2	1	1	2	2	1	2	2	2	1	2	1
12	2	2	1	1	0	0	1	2	3	3	3	2	2	1	1	1	1	1	0	0	0	0	0	1	1
13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0
15	0	0	0	0	****	****	****	****	****	0	0	0	1	1	1	1	2	2	1	1	1	0	****	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	0	1	1
19	3	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
21	1	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	-	-	2	1
22	1	1	1	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	-	2	1
23	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	1	****	****	1	1	-	1	1	1	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1
26	2	2	2	2	1	1	1	1	1	0	1	1	2	1	1	2	2	2	2	2	2	2	1	1	1
27	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	0	0	1	1	1	1	1	1	2	2	3	3	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	2	2	2	3	3	3	2	1	0	0	0	0	1	0	1
30	0	0	0	0	0	1	2	2	2	2	1	0	0	1	2	2	2	2	2	-	2	1	2	-	-
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	2	2	2	1	0	0	0	0	0	****	-	2	****	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	4	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
7	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
11	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
12	0	0	1	1	1	2	3	4	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2
13	2	2	2	2	2	3	4	4	3	2	2	2	3	3	3	2	1	2	2	2	2	1	1	1	2
14	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	-	1
15	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	3	1
17	3	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1
18	0	0	0	0	0	0	2	2	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1
21	2	1	0	0	0	1	2	3	1	1	2	2	2	2	3	3	3	2	2	2	2	1	0	0	2
22	0	0	0	0	0	0	1	1	1	1	1	2	2	0	0	1	1	0	0	0	0	0	0	1	1
23	1	1	1	1	1	0	2	2	2	2	****	2	2	2	1	1	1	2	2	1	2	1	2	3	2
24	4	3	3	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	****	0
26	****	****	****	****	****	****	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	******
27	0	****	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1
28	0	0	0	0	0	1	1	1	0	1	1	1	1	****	3	3	3	2	1	1	1	1	2	2	1
29	1	1	1	0	1	1	1	4	2	2	2	2	1	2	2	****	1	1	1	1	1	1	1	1	1
30	1	1	1	1	2	2	4	4	4	2	3	4	3	3	2	2	2	2	2	2	2	1	1	1	2
31	1	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
2	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
3	1	1	0	1	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	†
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	2	1	1	****	****	2	1	2	2	1	1	1	1	1	1	2	2	2	1
6	2	2	1	1	1	2	2	1	1	1	2	****	****	2	3	3	3	2	2	1	2	2	1	0	2
7	0	0	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	0	0	0	0	0	0	0	******
8	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	0	****	****	****	0	****	****	****	****	******
9	****	****	****	****	****	****	0	0	0	0	****	****	****	0	****	0	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	0	0	0	****	0	0	0	0	****	******
11	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	0	0	******
12	0	0	0	0	0	1	1	1	****	****	****	****	0	0	0	0	0	0	****	0	-	-	-	-	******
13	-	-	-	****	-	-	-	-	-	-	-	-	-	****	0	0	0	0	****	****	0	0	0	0	******
14	0	0	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	****	****	****	****	0	****	******
15	- DATA INVALID -																								
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	****	****	****	****	****	****	******
17	****	****	****	****	****	****	****	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1
19	1	0	0	0	0	2	3	3	2	2	1	1	1	1	2	2	3	3	3	2	1	1	1	1	2
20	1	0	0	0	0	0	0	0	****	0	0	0	1	0	1	1	0	0	0	1	1	1	1	1	0
21	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0
22	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	0	1	1	1	1	1	****	****	0	1	1	1	0	0	1	1	1	2	2	1
24	1	0	0	0	0	1	2	2	2	2	1	1	1	1	1	1	-	1	0	1	1	1	1	1	1
25	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	0	0	0	****	1	0	1	0	1
26	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
27	0	0	0	0	0	****	1	1	1	1	1	1	1	1	2	3	1	1	0	0	0	0	0	0	1
28	0	1	0	1	0	1	1	0	0	1	1	0	1	0	0	0	0	1	0	0	1	2	2	1	1
29	1	0	0	1	0	****	****	1	0	0	1	1	1	1	2	1	1	1	2	2	2	2	1	0	1
30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0
MEAN	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 73.6 PERCENTAGE OF DATA INVALID - 24.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
2	0	0	0	0	0	2	2	1	0	2	2	2	1	1	2	1	1	2	1	1	1	1	1	1	1
3	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	2	1
4	1	1	0	0	0	1	1	1	1	2	1	****	1	1	2	1	1	2	2	2	1	3	3	3	1
5	2	1	2	1	0	0	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0
7	1	1	1	0	1	2	2	3	2	1	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1
8	0	0	0	0	0	1	3	1	1	1	1	0	0	0	0	****	****	0	0	0	0	0	1	1	0
9	1	0	0	0	0	1	2	2	1	1	1	1	1	1	2	2	2	0	1	1	1	2	3	3	1
10	2	1	1	1	1	2	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	1	0	0	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1
12	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	0	1	1	*	1	1	1
13	1	2	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1
14	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	2	1	0	0	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	1	1	2	1	1	0	1	0	1	0	0	0	0	1	0	0	1
16	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	****	****	0	****	****	0	1	1	0	****	0
17	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0
18	0	0	0	0	0	1	1	0	0	1	0	0	1	2	0	1	1	0	1	1	1	1	0	1	1
19	1	1	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	2	2	1
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	****	****	****	0	0	0	0	0	0
22	0	0	0	0	0	1	1	2	1	2	2	1	2	2	2	2	1	1	1	0	1	****	****	****	1
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	1	1	******
24	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0
25	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0	0	0	1	2	1	0	1
27	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1
28	0	0	0	0	0	3	5	2	2	1	2	2	1	2	-	-	1	0	1	1	-	-	-	1	1
29	1	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	2	0	0
31	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	0	1	0	1	2	3	3	1	0	1
MEAN	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	1	2	2	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
2	0	0	0	0	0	0	****	0	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0
5	0	0	0	0	0	0	1	4	****	****	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	****	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	-	0	0	0	0	1	0	0
8	0	0	0	0	0	0	1	1	0	0	****	0	1	0	2	1	0	0	0	0	0	0	0	0	0
9	****	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	2	2	2	1	2	1	1	1	1	3	0	1	****	0	1	1	1	0	0	0	*
12	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1
13	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	****	0	0	1	0	0	0	1	1	0	1	0	1	0	0	1	0	0	0	0	0	0
15	0	0	0	0	0	1	1	1	0	0	****	****	0	0	0	0	0	0	0	0	0	0	1	1	0
16	1	1	0	0	0	1	0	0	0	0	0	0	1	1	1	2	1	0	0	0	0	0	0	1	0
17	0	1	1	1	1	1	1	1	3	2	3	3	2	2	1	0	0	0	0	0	1	2	1	1	1
18	1	0	0	0	1	3	2	2	1	1	1	1	****	****	****	****	2	3	3	3	2	2	2	1	2
19	1	2	2	2	2	3	4	3	3	2	3	2	1	1	1	2	2	1	2	2	2	1	1	1	2
20	1	2	2	2	2	2	2	2	1	3	2	1	1	****	1	0	0	0	0	0	1	1	1	1	1
21	1	1	-	****	0	0	2	****	****	****	****	****	****	0	****	0	0	0	0	0	****	0	2	1	******
22	****	****	****	****	****	1	1	1	1	2	2	2	2	2	4	3	2	3	3	2	2	1	1	1	2
23	2	2	2	1	2	1	2	2	1	2	2	1	2	2	2	1	0	1	1	0	1	0	0	0	1
24	1	1	2	1	1	2	2	1	1	1	0	0	0	0	0	0	0	****	0	2	2	3	3	3	1
25	2	1	1	1	1	3	4	4	4	1	2	1	1	1	1	1	0	0	1	1	0	1	1	1	1
26	1	1	1	1	1	2	2	-	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
27	0	0	1	1	1	2	2	2	0	0	****	0	****	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	0	0	0	0	0	0	0	0	1	1	2	1	0	1	1	1	1	2	1	1
29	1	1	1	0	1	4	3	5	3	2	0	****	2	1	1	3	1	1	1	0	1	0	0	0	1
30	0	0	0	0	0	1	2	1	1	1	1	2	1	2	1	****	1	0	1	1	1	0	1	0	1
31	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 7.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	2	1	1	2	2	1	1
2	1	1	1	1	1	2	4	3	3	3	3	3	2	3	2	3	2	2	2	3	2	3	4	3	2
3	2	2	2	2	2	2	3	2	3	2	2	2	3	2	3	3	2	2	2	3	2	3	5	5	3
4	4	3	3	3	3	5	8	6	3	3	2	3	3	3	2	3	2	2	3	-	2	2	2	2	3
5	1	0	0	1	1	2	3	3	2	1	1	0	0	0	0	1	0	0	0	1	0	1	1	1	1
6	1	1	0	0	1	1	1	2	2	1	1	1	0	0	0	0	0	0	1	1	1	2	2	2	1
7	1	0	0	1	0	1	2	2	1	1	1	1	0	1	0	0	1	1	0	1	1	****	0	0	1
8	0	0	0	0	0	2	7	5	3	1	1	2	3	4	3	3	2	2	2	3	2	2	3	3	2
9	3	3	2	2	1	3	3	3	3	2	2	2	1	2	2	2	1	1	1	1	1	1	1	0	2
10	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1	1	1
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	3	2	2	1	1	2
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	2	2	1	2	2	2	1	1
13	2	3	3	3	4	4	3	3	3	3	3	3	2	2	3	2	5	4	2	1	1	4	5	4	3
14	5	5	2	1	2	2	4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	-	1	1	2	3	4	2	4	3	2	2	3	5	4	4	4	2	2
16	1	2	2	2	2	3	4	4	4	4	4	4	3	4	3	4	4	3	4	6	6	2	3	1	3
17	2	2	1	2	2	6	3	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2
18	1	1	1	1	2	3	4	3	1	3	3	2	3	3	4	4	2	2	3	3	2	4	4	2	3
19	1	1	1	1	1	2	3	3	1	0	0	1	1	2	4	3	1	2	3	1	2	2	3	3	2
20	3	1	1	2	3	2	2	1	1	1	1	2	1	1	1	1	2	1	1	1	2	2	2	1	2
21	1	2	1	1	1	3	2	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	2	2	2	2	2	2	2	1	1	1	2	1	1	0	0	0	0	0	0	1
23	0	0	0	0	0	1	1	1	1	0	0	1	2	2	1	1	1	1	0	0	0	0	0	0	1
24	0	0	0	0	0	1	1	2	3	2	2	3	2	2	1	3	1	1	1	0	1	1	1	2	1
25	2	1	1	1	1	3	5	4	5	3	2	4	3	4	5	5	3	3	4	3	2	1	1	0	3
26	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	1	1	2	0
27	1	1	1	0	0	-	2	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1	2	1	1
28	2	1	1	1	0	1	1	1	0	0	1	2	2	2	2	2	1	1	2	3	1	1	1	1	1
29	1	1	1	1	1	4	6	3	3	4	2	3	2	3	4	5	3	2	2	3	3	4	5	6	3
30	5	4	5	3	3	2	3	3	2	2	1	****	****	1	1	-	1	1	2	1	2	1	1	1	2
MEAN	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	3	2	2	2	1	2	2	2	2	3	2	2	2	2	1	2	2
2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	-	1	1	2	2	2	2	3	2	2
3	2	****	2	2	2	5	3	5	3	2	2	3	2	3	4	6	6	5	6	4	2	2	2	3	3
4	3	3	3	3	2	2	2	2	3	3	3	2	2	2	1	1	1	1	1	2	1	2	2	2	2
5	3	3	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1	1
6	1	1	1	1	1	3	5	3	2	2	1	1	2	2	2	3	3	-	3	2	2	2	2	2	2
7	2	2	1	1	2	5	6	5	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3
8	1	2	2	2	2	2	2	2	2	-	-	1	2	2	3	3	3	3	3	2	3	3	3	3	2
9	2	2	2	2	2	2	2	3	2	1	2	2	2	2	3	4	4	4	5	4	2	2	2	2	2
10	2	2	2	2	3	5	7	6	3	4	3	3	4	4	4	5	4	4	4	3	3	2	3	5	4
11	3	4	2	1	1	2	2	2	2	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2
12	2	1	1	2	2	1	1	1	2	3	2	2	2	2	2	2	2	2	2	1	3	2	3	3	2
13	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	1	1	1	1	2
14	1	1	1	2	2	2	3	4	4	1	0	1	1	1	2	2	0	1	1	1	1	1	1	0	1
15	0	0	1	0	0	2	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0
16	1	1	1	1	1	1	1	1	1	3	5	4	3	2	3	6	3	1	1	2	1	2	1	3	2
17	2	1	0	1	1	4	6	7	5	2	3	2	2	2	2	2	2	1	2	1	0	1	2	2	2
18	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	****	****	****	****	****	****	****	****	******
21	****	****	****	****	****	****	****	****	****	****	0	0	0	0	1	1	0	0	1	0	0	0	1	1	******
22	0	0	0	0	0	1	2	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	2	0
23	0	0	0	0	0	0	0	1	1	0	0	0	-	0	0	1	0	1	0	1	1	1	1	1	0
24	0	0	0	0	0	5	6	7	3	1	-	1	2	2	2	3	2	4	5	9	10	8	6	2	3
25	2	0	0	0	0	1	1	1	1	1	-	1	3	1	1	0	0	0	0	0	0	0	0	0	1
26	0	0	-	-	-	1	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	2	1	2	1	0	0	1	0
28	0	0	0	0	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	2	3	1	0	0	0	0	0	0	1
30	1	0	-	0	0	0	1	1	1	0	0	0	0	0	1	1	2	1	1	-	1	1	0	0	1
31	0	0	0	0	0	0	0	1	0	-	1	1	1	1	1	1	2	2	2	1	1	1	1	-	-
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 92.6 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	5	2	2	2	2	1
3	2	2	1	-	0	1	4	6	4	2	1	2	1	1	2	2	3	2	1	1	1	0	1	1	2
4	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	2	1	1	1	2	1	3	1	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	2	1	2	1	1	2	2	4	4	3	2	1	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	2	2	3	3	2	3	2	2	3	1
9	2	3	3	2	2	2	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	1
10	0	0	0	0	0	-	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	1	1	,	2	3	1	2	2	1	1	1	2	*
13	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	2	1	2	1	2	2	2	1
14	3	1	0	0	1	1	2	1	1	0	0	0	0	0	0	2	1	0	0	0	3	2	0	0	1
15	0	0	0	0	0	0	2	1	1	2	2	1	1	1	1	2	1	0	0	0	0	0	0	0	1
16	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	3	2	2	2	1	1	3	1
17	2	0	1	1	1	1	4	6	4	2	-	0	1	****	1	1	2	1	1	1	0	0	1	1	1
18	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0
19	0	0	0	0	0	1	2	2	2	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1
20	1	1	0	0	0	1	2	4	3	2	1	2	1	2	2	3	4	3	2	2	2	1	1	1	2
21	1	1	1	1	1	1	2	2	2	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	2	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	1	1	0	0	0	0	0	0
26	0	0	0	0	0	0	1	1	2	1	1	0	****	0	1	1	4	3	2	3	2	1	0	2	1
27	-	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	1	1	0	1	1	2	2	1
28	2	1	1	1	0	0	3	7	9	6	3	2	2	1	1	3	5	3	2	2	1	1	1	1	2
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
30	0	0	0	0	****	****	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	2	1	1	1	****	****	1	1	5	7	4	1	2	3	2	1	2
2	1	1	1	0	1	2	4	6	5	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
4	0	0	0	0	0	0	0	1	1	1	1	1	****	1	1	2	3	2	1	1	1	-	1	1	1
5	1	1	1	1	1	1	1	2	3	2	2	1	1	1	2	2	2	1	1	4	5	3	4	3	2
6	2	2	1	1	1	1	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	1	0	1	1
7	1	2	1	1	0	0	0	1	0	0	1	1	1	1	1	2	4	2	2	2	1	1	1	1	1
8	0	0	0	0	0	0	2	1	1	1	1	0	0	0	0	1	2	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	-	-	0	0	0
10	0	0	****	****	****	0	0	0	0	0	0	2	0	0	0	0	****	****	0	****	0	0	0	0	0
11	0	0	0	0	0	0	1	2	1	1	0	1	1	1	1	1	2	1	1	1	-	-	-	1	1
12	0	0	0	0	0	0	2	3	3	3	2	2	2	1	1	1	1	0	0	0	0	0	0	0	1
13	****	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	0	0	0	0	******
14	0	0	****	****	0	0	****	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
15	0	0	0	0	0	0	1	2	2	2	0	1	1	****	****	2	5	0	****	2	1	1	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	1	2	2	1	1	2	2	3	2	1	1	****	1	0	0	1
18	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	-	-	-	0
19	0	0	0	0	0	0	0	1	0	0	0	0	-	-	1	1	3	2	1	1	1	1	0	1	1
20	0	1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
22	0	0	0	0	0	1	2	4	3	3	2	2	2	2	2	4	3	3	3	2	2	2	2	2	2
23	2	1	0	0	0	0	3	2	2	1	2	1	1	1	1	1	1	0	****	0	0	0	0	0	1
24	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0
26	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	2	2	1	0	1	2	2	1	1	2	1	1	2	3	5	6	2
28	6	5	4	3	3	3	3	2	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	1
29	0	0	0	0	0	0	3	3	1	1	2	****	1	0	0	1	2	1	1	0	0	0	0	0	1
30	****	****	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0
31	1	1	1	1	1	1	1	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	-	-	1
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.3	3	5
FEB	25	0.7	3	4
MAR	29	0.7	3	6
APR	30	0.8	2	4
MAY	30	0.8	2	4
JUN	20	0.7	2	3
JUL	30	0.7	1	5
AUG	29	0.8	2	5
SEP	30	1.7	3	8
OCT	29	1.5	4	10
NOV	30	0.8	2	9
DEC	30	0.8	2	7
YEAR	343	0.9	4	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	497	225	14	0	0	0	736
FEB	495	97	6	0	0	0	598
MAR	582	75	13	0	0	0	670
APR	575	128	1	0	0	0	704
MAY	594	117	12	0	0	0	723
JUN	463	67	0	0	0	0	530
JUL	617	83	3	0	0	0	703
AUG	570	107	8	0	0	0	685
SEP	365	283	65	0	0	0	713
OCT	377	260	50	2	0	0	689
NOV	573	117	16	1	0	0	707
DEC	576	102	18	0	0	0	696
YEAR	6284	1661	206	3	0	0	8154

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
92.8	0	0.0	0.0	0.3	0.8	1.8	2.5	3.4	4.0	10	0.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	2	2	2	****	****	1	1	2	3	2	2	1	1	1	2	2	2
3	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2
4	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	-	2	2	2	2	2	2	2	2
5	2	2	1	1	****	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
6	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	2	2
7	1	1	1	1	1	1	1	1	2	2	2	5	1	1	1	1	2	2	1	1	1	1	0	0	1
8	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	2	2	1	1	0	0	1	1
9	0	0	0	0	0	0	0	1	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0	0	1	1	1	1	1	1	****	1	1	1	1	2	1	1	1	1	1	1	1	1
12	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	0	1	1	1
14	0	0	1	0	0	1	1	1	1	2	2	****	2	2	2	2	3	3	3	2	2	2	2	2	2
15	2	2	2	1	1	1	1	3	4	5	2	2	2	1	1	2	2	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	****	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2	2	3	3	3	2	2	2	2	2	2
18	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2
19	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1	1	2	2	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
22	2	2	1	1	1	1	1	2	2	2	2	****	****	2	2	2	3	3	2	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1
25	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
26	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	1	1	1	1	2	2	1	1	****	1	1	1	1	2	2	2	2	1	1	1	1	1
29	1	1	1	0	0	0	1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1
30	1	1	1	0	0	0	0	1	2	1	1	1	1	1	1	****	****	2	2	2	1	1	1	1	1
31	1	1	1	0	0	0	1	1	2	2	2	2	2	1	2	2	3	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	1	2	1
2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	2	1
3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	****	****	1	1	1	****	****	****	3	2	2	1	1	1	2	1
5	1	1	1	1	1	1	1	2	3	3	2	****	2	1	1	2	-	-	3	3	2	2	2	2	2
6	2	2	1	1	1	1	1	2	2	3	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2
7	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	****	2	3	3	2	2	2	2	2	2
8	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
9	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	1	1	2	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	2	2	1
11	1	1	1	1	1	1	1	2	3	2	2	****	****	****	2	2	3	2	2	1	1	1	1	1	1
12	1	1	1	1	1	1	2	3	3	3	2	2	1	1	1	1	1	2	1	2	1	1	1	1	1
13	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	****	3	3	2	2	1	2	2	2	2
14	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	3	****	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	3	****	****	****	1	1	2	****	2	2	****	1	1	1	****	1	1
16	2	1	1	1	0	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	2	2	1	****	9	2	2	2	2	2	1	1	1	1	1	1	2
19	1	1	0	1	0	1	1	2	2	2	2	2	1	1	1	2	2	2	4	3	2	2	2	2	2
20	1	1	1	1	1	1	1	2	3	2	2	3	3	3	2	3	4	4	2	2	3	3	2	2	2
21	2	1	1	1	1	1	1	1	2	2	2	1	2	1	****	2	2	2	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	3	3	2	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	****	****	1	1	0	0	0	1	0	0	0	0	0	1
27	0	0	0	0	0	0	****	1	1	1	0	3	0	1	0	0	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	1	1	1	1	1	1	******
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 7.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
2	1	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	****	1	1	1	1	1	0	1	1
4	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	2	2	1	1	1	0	0	1
5	0	0	0	0	0	0	0	1	1	1	1	4	2	3	4	3	3	2	2	1	1	1	1	1	1
6	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	1	2	2	3	3	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2
8	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
9	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
16	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	2	****	2	2	3	4	5	5	2	2	2	1	1	1	2
18	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	3	2	2	3	4	2
20	3	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	3	3	3	1	1	1	1	2
21	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1
22	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1
25	1	1	0	0	0	0	0	1	1	1	4	1	1	1	2	1	2	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2
27	2	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
28	1	1	1	1	1	1	2	3	4	4	3	2	2	3	3	4	4	5	4	3	4	3	2	3	3
29	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	2	2	1	1	1	1	5	1	2	2	1	1	1	1	2	2	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	2	3	-	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2
2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	2	1
3	2	1	1	1	1	1	1	2	2	1	1	1	-	1	1	2	2	2	2	2	1	1	2	1	1
4	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	3	4	3	2	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	1	1	1	1	1	1	-	1
9	1	0	0	0	1	1	2	2	2	2	2	2	2	2	1	2	2	3	2	2	1	2	1	1	2
10	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	1	1	1	2
12	3	3	2	1	1	1	1	1	1	1	2	3	1	1	2	2	2	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1
15	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	1	2	2	2	2	1	2	1	***	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	3	2	1	1	1	1	1	2	2	2	3	3	2	2	1	1	1	2
18	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2
19	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1	2
20	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	1	5	1	1	1	1	1	2	2	2	1	1	-	-	2	1
22	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	-	1	1
23	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	2	2	3	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	1	2	2	-	2	2	2	1	2	2	2	2	2	2
25	2	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	4	4	5	3	2
27	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	0	1	1	1	3	3	2	1	2	2	2	2	3	3	2	2	-	3	4	2	2	2
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	0	1	2	2	3	2	1	1	1	2	1	-	3	****	2	2	3	2	1	1	2
2	1	0	0	0	0	1	2	5	4	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
3	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
5	1	1	1	1	1	1	2	2	3	4	3	2	3	1	1	1	1	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
7	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	1	1	1	0	0	0	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	3	2	1	****	1	1	1	2	2	1	1	2	2	2	2	2	1	1
13	2	1	1	1	1	1	2	2	2	2	2	2	1	2	2	3	3	3	2	2	2	2	1	1	2
14	1	1	0	0	0	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	-	1
15	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
16	1	1	1	1	1	2	2	3	****	2	2	2	2	2	2	2	1	1	2	2	2	2	3	6	2
17	5	3	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	2	1	1	1	-	1	0	0	0	1	1	1	1	1	1
19	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	0	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
21	2	1	1	1	0	1	2	3	3	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2	2
22	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2
23	2	1	1	1	1	2	3	4	4	2	3	3	2	2	2	2	2	2	2	3	4	5	4	2	2
24	2	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1
27	1	****	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	1	2	2	3	2	2	2	1	2	2	2	2	2	2	2	2	2	3	4	2
29	3	2	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	2
30	1	1	1	1	1	1	2	3	2	1	2	3	3	3	3	2	2	2	2	1	1	1	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1
2	1	1	1	1	1	1	2	3	3	3	4	3	3	2	3	3	3	2	1	1	1	1	1	1	2
3	1	0	0	0	0	1	1	2	2	2	1	1	1	****	1	1	1	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2
6	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1	2	2	2	1	1	2	1	1	1	1
7	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	3	1
8	3	2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	2	****	1	0	1	1	1	1	1	1	1	1	1	2	2	1
10	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	2	2
12	3	2	2	3	2	2	4	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	3	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	****	****	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2
15	2	2	2	3	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	2	2	****	1	1	1	****	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	3	3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
19	1	1	1	0	0	0	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1
21	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	2
22	3	3	3	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
23	1	1	1	1	1	2	4	4	4	3	2	2	1	2	1	1	1	1	1	1	1	2	2	2	2
24	3	2	3	2	2	1	2	3	2	3	2	2	2	2	2	2	-	2	1	1	1	2	2	2	2
25	1	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	****	2	2	3	1	1
26	1	1	1	0	1	1	2	2	2	2	1	1	***	1	1	1	2	2	0	0	1	0	1	1	1
27	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0
28	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0
29	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
30	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1
3	2	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2
4	2	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	2	3	2
5	3	3	2	2	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
7	2	1	1	1	1	2	3	3	3	5	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2
8	1	1	1	1	0	1	2	1	1	1	2	0	0	0	1	1	1	1	0	0	1	1	1	0	1
9	0	0	0	0	0	0	1	2	2	1	1	1	2	2	2	2	2	3	2	1	1	1	3	3	1
10	2	3	3	3	3	2	3	2	1	2	1	1	1	1	1	2	2	1	1	1	1	2	2	1	2
11	1	0	0	0	0	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	2	1	2	2	3	3	2	2	2	2	1	1	1	1	2	1	1	1	2	2	2	2	2	1
15	1	1	1	1	1	1	2	3	4	2	1	1	1	1	1	3	1	1	1	1	1	2	2	1	2
16	1	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1
18	1	1	0	0	1	1	1	2	****	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	2	1	1	1	1
20	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
21	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	1	1	2	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	0	1
23	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
24	1	1	1	1	1	1	2	3	2	1	****	1	1	1	1	1	1	1	1	1	1	1	2	1	1
25	0	0	0	0	0	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1
26	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	2	2	4	3	3	2
27	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	1	2	1	1	2	2	3	2	-	-	2	1	1	1	-	-	-	2	1
29	2	1	1	1	1	1	2	3	2	3	2	2	2	2	2	2	2	2	3	3	3	4	4	3	2
30	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
31	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1.3

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	****	1	0	0	1	****	****	****	****	****	****	****	****	0	0	0	0	******
2	****	****	****	****	****	****	****	0	****	0	0	0	0	1	0	****	****	****	****	****	****	****	****	****	******
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	****	******
4	****	****	****	****	****	****	0	0	0	0	0	****	****	0	****	0	0	0	0	0	0	0	****	****	******
5	****	****	****	****	****	****	****	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	1	1	1	1	1	1	1	****	2	1	1	2	****	2	2	2	3	4	1	1
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	-	1	1	1	1	1	1	1
8	1	2	1	1	1	1	****	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1
9	****	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
10	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0	0	1	2	2	1	1	****	****	1	1	1	1	****	1	1	1	1	1	1	1	1
12	1	0	0	0	0	1	2	2	2	1	1	0	0	0	1	1	1	1	1	0	1	0	1	1	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	****	1	1	0	1	1	1	1
14	1	1	0	0	0	0	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	0
16	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	2	1	0
17	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	5	2	2	2	2	2	2	2	1	2	2	2	2	2	3	1
19	3	3	3	3	2	****	****	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
20	2	2	1	1	1	1	2	2	2	2	1	1	2	1	1	2	2	2	2	2	1	2	2	1	2
21	1	1	-	****	1	1	1	2	1	1	1	1	2	2	2	1	2	1	2	1	2	1	2	2	1
22	1	1	1	1	1	1	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2
23	2	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	5	2
25	5	5	3	2	4	4	6	5	4	3	6	2	1	1	1	1	2	1	1	1	1	0	0	0	2
26	0	0	0	0	0	0	1	-	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	2	2	1	1	2	1	1	1	1	1
28	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	0	0	0	0	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1
31	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	1	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 10.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0
2	0	0	0	0	0	0	1	1	1	1	1	2	8	3	2	3	3	2	3	2	2	2	2	2	2
3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2
4	2	2	2	2	2	2	3	3	2	2	2	3	2	3	3	3	3	3	3	-	2	2	2	2	2
5	2	2	2	2	1	2	3	3	3	****	3	3	2	2	2	3	3	2	3	3	3	3	3	3	3
6	3	3	3	2	2	2	3	3	2	2	2	2	2	2	3	2	2	3	3	3	2	3	3	3	3
7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
8	3	3	3	3	3	3	4	4	5	4	1	1	1	1	1	1	1	1	1	1	1	0	1	0	2
9	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
11	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	2	2	1	1	2	2	1	1	:	*
13	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	1	1	1	0
14	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	-	1	0	1	1	2	2	2	2	2	2	1	1	2	1	1	1	1
16	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1
17	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
18	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2
19	1	1	1	1	1	2	3	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1
21	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	1	1	1	1	1	1	2	1	2	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1
23	0	****	****	0	0	0	1	1	0	0	1	2	2	2	2	2	2	2	3	2	2	2	2	2	1
24	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
25	2	2	2	2	2	2	3	4	7	5	5	4	3	2	2	1	1	1	1	1	1	0	1	2	2
26	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	0	0	0	1	1	1	1	0	1	1	1	0	1	0	1	1	2	1	1	1	1	1
29	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2
30	4	4	2	2	2	2	3	3	4	2	2	2	1	1	1	-	2	1	1	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	-	2	2	2	2	2	2	2	2	1
3	1	****	1	1	1	1	2	1	1	1	4	1	0	1	3	3	3	3	2	1	1	****	1	1	2
4	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
6	1	0	0	0	0	0	1	2	1	1	1	1	1	1	2	2	2	-	1	1	1	1	1	1	1
7	1	0	0	0	0	1	2	3	2	3	3	3	2	2	1	1	2	2	1	1	2	1	1	1	1
8	1	1	1	1	0	0	1	1	1	-	-	0	1	1	1	1	1	1	1	0	1	1	1	0	1
9	0	0	0	0	0	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
10	2	2	2	2	2	2	3	3	2	2	1	1	1	1	****	2	****	****	****	****	****	****	****	****	******
11	****	****	1	1	1	1	2	1	1	****	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
14	1	1	1	1	1	1	3	4	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	3	2	2
16	1	1	1	1	1	1	2	3	3	2	2	2	2	1	2	3	2	2	1	1	1	1	1	1	2
17	0	0	0	1	0	1	2	3	3	3	2	3	2	3	2	3	1	1	0	1	0	0	0	0	1
18	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
20	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
21	1	1	1	1	1	1	2	2	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1
23	1	1	1	1	1	1	3	4	2	1	1	1	-	1	1	1	1	1	2	1	1	1	1	0	1
24	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	-	1	1	1	2	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
28	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1
30	1	1	-	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
31	1	1	1	1	1	1	1	2	2	1	1	-	1	1	1	1	1	1	2	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
3	1	1	1	-	1	1	1	1	2	2	2	2	2	2	2	2	3	2	3	3	1	1	1	1	2
4	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	2	-	5	-	-	1	1	-	-	-	-	1	-	-	1	1	******
6	1	1	1	1	0	0	1	-	-	-	1	-	-	1	1	1	1	2	1	1	1	1	1	1	1
7	0	1	0	0	0	0	1	2	2	2	1	1	1	2	3	3	3	2	3	4	2	1	1	0	1
8	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
9	1	1	1	1	0	0	0	0	1	2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
12	1	0	1	1	1	1	1	1	2	1	-	1	1	1	1	1	2	2	3	2	2	2	2	2	1
13	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	4	3	3	3	3	2	2	2	1	2
14	1	2	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
15	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2
16	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2
17	3	2	2	2	3	3	3	2	3	2	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2
18	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	2	2
19	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2
20	2	2	2	1	1	2	2	2	2	3	3	3	2	5	2	2	3	2	2	2	1	1	1	1	2
21	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	2	2	2	2	2	1	1	1	1	1
22	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
24	2	2	1	1	1	2	2	3	3	4	3	6	4	2	1	2	2	2	1	1	1	0	0	0	2
25	0	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	3	3	3	3	4	2
27	-	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
28	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2	1
29	2	2	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	3	4	3	3	3	3	2	2	2	2
2	2	1	1	1	1	1	1	2	2	3	2	1	****	1	2	2	2	2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	1	1	2	2	2	1
4	2	1	1	1	1	1	1	2	4	4	3	2	2	2	3	3	3	4	4	3	3	-	3	3	2
5	3	2	2	2	1	2	2	3	4	4	2	2	2	2	2	2	3	3	3	3	5	5	4	5	3
6	5	4	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3
7	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	4	5	6	5	5	3	3	3	3
8	3	4	3	3	3	2	2	4	6	6	3	3	2	8	-	-	2	2	2	1	1	1	1	1	3
9	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	4	3	2	-	-	2	2	2
10	2	2	1	1	1	1	1	2	2	2	2	1	1	1	2	2	****	****	1	1	1	2	2	2	2
11	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	1	1	-	-	-	1	1
12	1	1	1	1	1	1	1	2	1	1	1	1	1	2	4	3	3	4	4	2	1	1	1	1	2
13	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	*
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	1	1	2	2	2	2	4	5	2	2	2	4	4	****	3	3	3	2	2	2
16	2	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
17	****	1	1	1	1	1	1	2	3	4	4	4	3	2	2	2	2	****	****	****	****	****	****	****	2
18	****	1	1	1	1	1	1	1	1	****	****	****	2	1	2	2	2	2	2	2	1	-	-	-	1
19	1	1	1	1	1	1	1	2	2	2	2	1	-	-	2	2	2	2	2	2	2	1	1	1	2
20	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	3	3	2	2	2	2	3	****	2	2	2	1	1	1	1	1	2
23	2	2	1	1	2	2	1	2	3	3	2	2	2	2	2	2	2	2	****	2	1	1	2	2	2
24	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	3	3	4	2
28	3	2	2	1	3	4	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	2
29	1	1	1	1	2	1	1	2	3	3	3	3	3	3	2	3	4	3	2	2	2	2	1	1	2
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	2	2
31	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	-	1
MEAN	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.3	2	5
FEB	27	1.4	2	9
MAR	31	1.3	3	5
APR	30	1.3	2	5
MAY	31	1.3	2	6
JUN	30	1.3	2	4
JUL	31	1.3	2	5
AUG	27	1.0	2	6
SEP	30	1.3	3	8
OCT	30	1.2	2	4
NOV	29	1.4	2	6
DEC	31	1.7	3	8
YEAR	358	1.3	3	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	479	249	4	0	0	0	732
FEB	404	231	3	1	0	0	639
MAR	485	241	16	0	0	0	742
APR	484	219	6	0	0	0	709
MAY	510	213	13	0	0	0	736
JUN	463	241	6	0	0	0	710
JUL	524	207	6	0	0	0	737
AUG	506	143	12	0	0	0	661
SEP	434	265	14	0	0	0	713
OCT	549	170	3	0	0	0	722
NOV	427	263	9	0	0	0	699
DEC	354	321	37	0	0	0	712
YEAR	5819	2763	129	1	0	0	8512

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.9	0	0.0	0.3	0.7	1.1	1.9	2.4	2.9	3.5	9	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	30	29	19	7	4	3	3	1	1	1	2	4	4	3	3	4	5	4	5	5	5	4	1	7
2	2	2	1	1	0	0	1	2	3	5	5	7	4	3	5	6	8	4	3	4	2	4	5	4	3
3	2	2	1	1	0	0	1	2	5	4	4	4	3	4	4	4	4	4	4	4	3	7	5	5	3
4	6	3	3	1	0	1	0	3	6	5	7	7	7	5	****	5	5	5	6	4	9	18	14	11	6
5	8	8	4	3	1	1	1	1	1	4	3	3	5	7	8	9	6	6	10	9	9	9	20	22	7
6	23	12	9	4	3	1	1	1	1	1	2	3	2	3	4	4	4	4	4	3	2	3	2	2	4
7	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
8	1	0	0	0	0	0	0	1	1	2	1	2	2	1	1	2	3	1	1	1	1	2	1	2	1
9	1	1	0	0	0	0	0	1	2	2	2	2	3	2	2	2	2	3	3	3	2	2	2	3	2
10	2	2	1	0	0	1	1	5	4	3	2	3	4	6	5	5	4	4	3	3	5	4	5	7	3
11	4	5	5	2	2	1	1	2	2	1	1	2	2	2	2	2	2	2	2	3	2	2	3	4	2
12	3	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	4	4	3	3	5	2
13	7	6	5	2	1	1	1	1	1	1	1	1	2	3	5	6	8	7	8	8	1	1	1	0	3
14	0	0	0	0	0	0	0	0	1	1	2	3	4	3	4	6	8	9	7	7	7	7	7	5	3
15	5	5	2	1	0	0	1	3	8	8	6	4	4	6	6	7	7	9	10	7	5	5	5	4	5
16	3	2	2	1	0	0	0	2	3	3	3	4	6	4	5	5	5	6	4	3	4	5	5	7	4
17	2	2	1	0	0	0	1	3	9	11	8	8	11	10	12	9	11	9	7	3	2	3	1	2	5
18	2	2	1	1	1	1	1	1	2	3	2	3	3	3	3	4	4	4	3	3	3	7	9	5	3
19	7	5	2	0	0	0	0	0	0	1	1	1	1	1	2	2	2	3	4	4	6	5	5	4	2
20	3	3	2	1	0	0	0	0	0	0	1	1	2	2	2	3	4	3	2	2	2	2	1	1	2
21	0	0	0	0	0	0	0	1	2	2	2	2	2	2	3	3	3	2	2	3	3	1	1	1	1
22	1	1	0	0	0	0	0	0	1	1	1	2	1	1	2	1	1	2	1	1	0	0	1	0	1
23	0	1	0	0	0	0	0	1	1	2	1	1	1	1	1	3	3	3	3	2	1	2	2	2	1
24	0	0	0	0	0	0	0	1	2	2	2	2	2	3	3	3	5	4	4	4	3	3	4	4	2
25	3	2	2	1	1	1	1	2	5	4	4	5	6	5	6	6	5	4	4	5	5	6	8	6	4
26	4	2	2	1	0	0	0	0	0	1	1	1	1	2	3	4	4	7	7	6	6	9	9	6	3
27	4	7	3	1	0	0	0	0	0	0	1	1	2	2	2	2	2	3	2	3	4	2	2	1	2
28	1	1	0	0	0	0	0	1	2	1	1	2	2	2	3	4	4	3	2	4	3	3	2	2	2
29	1	1	1	0	0	0	0	1	5	5	5	5	3	2	3	3	3	3	3	3	2	2	4	6	3
30	2	3	2	1	0	0	0	1	2	3	2	2	2	1	2	4	4	4	3	3	2	4	3	4	2
31	2	2	1	1	0	0	0	2	4	5	4	4	3	4	3	****	4	5	4	3	2	2	1	2	3
MEAN	4	4	3	1	1	0	0	1	2	3	3	3	3	3	4	4	4	4	4	4	3	4	4	4	3.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	3	4	4	2	2	1	1	2	2	3	3	3	2	1	2	3	6	2
2	5	7	2	2	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	3	4	6	2	2	2
3	4	5	2	1	0	0	0	0	0	1	2	3	3	3	1	1	1	1	1	0	0	1	1	1	1
4	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	2	1	0	1	2	1
5	2	1	1	0	0	0	0	2	4	4	4	2	2	3	3	3	7	8	7	5	5	4	4	5	3
6	4	4	2	1	0	0	0	2	4	4	7	5	5	4	5	6	5	7	7	7	7	7	6	6	4
7	4	3	2	0	0	0	0	2	6	5	5	3	2	3	****	3	3	4	6	4	1	1	1	2	3
8	2	1	1	0	0	0	0	2	3	4	3	3	3	3	3	4	4	4	3	4	4	3	2	4	3
9	7	5	4	2	1	0	0	0	0	1	2	4	5	5	5	5	4	3	3	3	1	3	3	4	3
10	4	4	2	2	1	0	0	0	0	1	1	2	4	4	3	3	3	2	4	5	4	1	1	1	2
11	1	0	0	0	0	0	0	1	1	2	1	1	2	1	1	1	1	1	2	1	1	2	2	1	1
12	1	1	0	0	0	0	0	1	3	4	3	1	1	2	2	2	1	2	2	1	2	3	2	2	2
13	3	2	1	0	0	0	0	1	3	2	1	1	1	****	****	1	1	1	0	0	0	0	1	1	1
14	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	3	3	2	2	4	4	4	2
15	3	4	3	2	1	1	2	4	7	6	5	5	2	2	5	5	5	5	6	5	7	9	9	10	5
16	9	10	5	2	1	1	1	1	2	3	3	6	3	2	2	2	2	1	2	1	1	3	5	4	3
17	3	5	1	2	1	0	0	1	0	0	1	1	1	2	1	1	1	1	1	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	2	5	6	5	6	9	9	5	4	10	9	11	15	7	6	5
20	4	5	3	1	0	1	2	5	7	6	8	10	10	6	5	-	5	5	4	3	2	4	5	3	5
21	3	3	2	1	0	0	1	3	4	5	6	6	8	8	6	7	7	8	6	6	6	8	6	3	5
22	2	2	1	1	0	0	1	2	4	3	3	4	6	5	5	7	7	11	9	7	6	3	3	3	4
23	3	3	2	1	0	0	0	1	2	2	2	3	4	7	10	12	7	5	4	9	13	12	15	12	5
24	6	4	2	1	0	0	0	0	0	1	0	0	1	1	1	2	2	2	3	2	2	2	2	2	2
25	3	1	1	1	1	1	2	3	5	6	7	6	6	6	6	6	6	5	4	4	3	3	2	2	4
26	3	2	1	1	1	0	1	2	5	4	3	2	2	3	4	3	3	3	2	2	2	2	1	1	2
27	1	1	1	1	0	0	0	1	1	3	3	3	2	2	2	2	2	3	3	3	2	3	2	2	2
28	2	2	1	1	1	1	1	3	5	3	3	2	2	2	2	2	3	3	3	2	2	2	3	4	2
29	3	2	1	1	0	0	0	2	3	2	2	2	2	2	3	4	3	3	2	2	2	2	4	3	2
MEAN	3	3	1	1	0	0	0	1	3	3	3	3	3	3	3	4	3	4	4	3	3	4	3	3	2.6

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	1	0	0	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	4	5	2
2	6	7	4	3	2	1	1	2	2	1	2	2	4	5	1	2	3	3	3	3	3	2	2	2	3
3	2	1	0	0	0	0	1	2	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
4	1	1	1	1	0	1	1	2	3	2	2	2	3	3	3	4	5	4	4	3	3	5	2	3	2
5	1	2	1	1	1	1	2	4	8	8	7	7	8	7	7	6	4	3	2	2	2	2	2	2	4
6	2	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	3	3	2	2	3	2	3	4	2
7	3	3	2	2	2	1	2	4	5	5	5	4	3	4	3	3	3	4	5	8	14	15	14	14	5
8	10	15	8	4	2	2	2	2	3	4	5	7	7	9	5	5	4	3	3	3	3	2	2	2	5
9	3	2	2	1	1	1	1	1	1	2	2	2	2	3	2	3	1	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	1	2	2	3	3	4	3	2	3	2	2	2	2	1	1	1	1	1	2
11	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	3	2	2	1	1	2	2	1	1
12	2	1	1	0	0	0	1	2	4	2	2	3	4	4	3	5	3	3	3	14	7	3	6	4	4
13	3	2	1	1	1	0	1	2	3	2	3	3	5	4	4	5	3	3	3	3	2	3	4	3	3
14	2	3	3	2	1	1	3	5	7	4	3	2	3	2	2	2	2	3	2	4	2	3	4	4	3
15	3	2	1	1	0	0	0	1	1	1	2	2	2	2	3	3	3	3	5	8	11	9	15	22	4
16	20	17	7	4	1	0	0	1	1	1	2	3	4	4	6	9	10	8	8	11	12	10	8	7	6
17	5	3	2	2	1	1	1	3	3	3	6	4	2	3	15	16	16	11	4	3	4	2	2	1	5
18	1	1	1	0	0	0	0	1	1	1	1	2	1	1	2	1	2	2	1	3	2	2	4	5	1
19	3	3	2	1	1	0	0	1	1	1	3	3	2	3	2	2	2	3	3	16	13	18	14	13	5
20	7	6	5	3	1	1	1	1	2	3	3	2	2	4	2	2	3	11	15	15	****	****	****	****	4
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	6	5	6	8	11	7	8	******
28	4	3	3	1	1	1	1	5	8	8	5	8	6	7	6	8	9	11	10	12	17	18	17	25	8
29	23	15	7	2	1	0	0	1	1	2	4	3	4	5	7	9	9	12	12	15	18	18	19	27	9
30	21	15	7	4	1	1	1	1	2	2	1	2	3	3	5	9	8	9	9	7	7	7	5	2	6
31	1	1	0	0	0	0	1	2	3	3	3	4	4	3	4	4	3	5	3	4	6	7	6	7	3
MEAN	5	5	3	2	1	1	1	2	3	3	3	3	3	4	4	5	5	5	5	6	6	6	6	7	3.8

PERCENTAGE OF DATA VALID - 78.1 PERCENTAGE OF DATA INVALID - 21.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	2	2	1	1	1	6	6	4	4	4	5	5	5	6	3	4	4	2	2	1	2	2	3
2	4	3	1	1	1	1	1	2	5	3	3	3	3	4	2	2	3	4	8	3	3	2	3	5	3
3	5	4	3	1	1	1	2	5	5	4	4	4	5	5	6	8	6	7	8	8	8	9	11	11	5
4	4	4	2	1	0	0	1	1	1	1	1	1	1	2	3	3	3	2	2	3	4	3	3	3	2
5	2	1	1	0	0	0	0	1	1	1	1	1	1	1	2	3	2	3	5	6	6	7	5	8	2
6	7	6	4	3	1	0	1	1	1	1	1	1	3	3	5	8	7	7	7	5	9	7	6	4	4
7	2	1	1	1	0	1	1	4	4	3	5	7	6	6	8	12	9	7	7	8	3	1	2	5	4
8	5	5	5	2	2	1	2	5	7	4	5	8	4	4	5	5	5	4	4	4	5	5	5	4	4
9	4	2	2	1	2	1	2	6	6	5	5	8	7	8	6	6	5	8	9	7	7	9	7	5	5
10	3	1	0	0	0	0	0	1	1	3	1	1	1	2	2	2	2	1	2	1	3	3	1	1	1
11	1	1	1	1	0	0	1	1	2	1	2	2	1	1	2	3	4	4	2	4	4	6	4	5	2
12	26	22	8	5	3	2	1	2	3	4	5	8	4	2	2	3	3	2	2	2	4	4	7	6	5
13	5	4	2	1	1	0	0	0	0	1	1	1	2	2	2	3	3	6	5	6	6	3	6	4	3
14	3	2	1	0	0	0	1	2	3	3	3	3	4	3	3	3	3	3	4	4	5	5	1	1	3
15	1	0	0	0	0	1	1	2	3	2	2	2	2	2	2	****	3	4	3	3	3	4	3	2	2
16	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	4	3	2	3	3	3	2
17	3	2	2	2	1	1	2	3	3	2	2	2	3	3	5	5	4	4	4	5	3	2	3	3	3
18	2	3	3	2	2	2	2	5	5	6	5	4	4	3	5	3	4	5	6	5	7	11	12	21	5
19	17	9	8	6	3	2	2	3	3	4	3	5	4	5	7	10	11	9	9	13	30	17	13	9	8
20	9	11	4	2	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
21	3	2	1	1	1	1	2	4	5	4	3	3	2	3	3	3	3	3	3	3	4	5	5	6	3
22	8	5	3	2	2	2	2	3	4	5	5	6	6	9	10	7	6	6	7	6	8	7	4	5	5
23	4	3	3	2	2	2	2	4	5	4	5	8	6	5	5	5	3	5	4	2	3	3	3	3	4
24	4	5	3	2	1	1	2	4	5	5	5	5	6	5	6	5	6	6	7	8	10	12	7	8	5
25	5	4	5	2	2	2	2	3	5	4	4	4	4	4	3	4	3	4	5	4	5	10	8	9	4
26	4	7	5	3	4	2	2	2	2	2	3	3	4	4	5	8	8	12	13	15	28	28	26	31	9
27	26	25	13	7	3	2	2	2	3	2	3	3	3	6	6	7	10	8	12	5	4	3	3	2	7
28	3	1	1	1	1	1	2	3	3	4	5	5	5	5	7	5	5	4	4	3	4	4	4	3	3
29	3	2	1	1	1	2	4	4	6	6	6	6	5	****	7	7	6	6	6	8	11	11	14	8	6
30	7	5	4	3	2	4	6	7	8	8	5	6	8	8	6	9	12	10	16	15	19	13	9	14	9
MEAN	6	5	3	2	1	1	2	3	4	3	3	4	4	4	5	5	5	5	6	5	7	7	6	7	4.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	3	2	2	3	5	8	8	8	9	6	4	5	4	5	5	4	5	10	10	7	6	4	6
2	3	3	3	2	3	4	6	8	6	5	5	5	4	6	8	6	7	4	9	18	7	11	10	8	6
3	7	6	4	4	4	3	3	3	4	4	4	4	5	4	5	4	3	3	4	4	4	5	5	7	4
4	11	5	3	2	2	2	3	3	3	3	3	3	3	3	3	4	5	4	4	5	8	6	5	3	4
5	2	2	2	2	2	2	3	5	8	8	7	4	9	4	4	4	4	4	4	5	7	4	4	3	4
6	3	3	3	2	2	2	4	5	4	4	4	3	3	****	3	2	3	2	2	2	1	2	4	5	3
7	5	3	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
8	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	3	2	2	2	3	3	3	2	2	2
9	2	1	1	1	1	1	2	2	2	2	3	2	3	2	3	2	3	2	3	4	4	6	8	9	3
10	6	3	2	1	1	1	2	2	2	1	1	2	4	5	5	5	6	7	9	14	22	27	27	29	8
11	26	15	2	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	3	4	3	6	5	4
12	4	2	2	1	2	2	4	6	5	5	5	6	6	10	7	5	5	6	5	9	7	8	7	7	5
13	8	5	4	3	2	2	3	7	6	8	10	10	12	****	6	6	6	6	10	8	8	6	6	7	7
14	6	2	1	1	1	1	2	4	4	3	2	3	3	4	3	3	4	4	3	3	3	3	3	3	3
15	2	1	1	1	1	1	3	4	2	2	2	2	3	2	3	3	3	3	3	3	8	6	5	4	3
16	3	1	1	1	1	2	4	6	4	3	3	2	3	2	2	3	3	3	3	3	10	18	19	32	6
17	25	12	7	4	2	2	3	3	3	4	5	5	5	6	8	6	7	7	11	3	7	14	14	9	7
18	8	5	2	2	1	1	2	2	3	4	4	2	2	2	2	2	3	2	4	4	5	8	9	6	4
19	3	2	1	1	1	1	2	2	2	2	2	2	3	3	3	2	3	3	3	6	5	5	7	7	3
20	4	3	2	1	1	2	3	4	5	4	6	5	5	8	6	5	6	5	7	11	13	15	12	9	6
21	8	5	3	2	2	2	5	9	9	5	6	5	5	****	3	3	4	3	4	2	3	6	6	6	5
22	3	2	2	1	1	2	3	5	6	5	4	6	5	4	3	3	4	5	6	6	5	8	9	6	4
23	6	5	4	3	2	5	4	7	7	4	9	7	4	6	5	5	6	6	6	10	12	10	24	14	7
24	21	8	10	7	3	2	3	5	5	6	4	3	5	4	4	5	5	6	6	5	7	15	25	37	8
25	15	13	9	5	2	2	2	3	2	3	3	4	4	4	4	5	6	5	6	6	8	9	9	6	6
26	3	2	2	1	1	2	3	4	5	4	4	5	4	4	4	4	4	3	2	2	3	2	4	3	3
27	2	2	1	1	1	1	3	4	6	5	3	3	2	3	3	3	3	4	4	4	5	5	3	3	3
28	4	2	2	1	1	2	5	5	6	6	6	4	6	4	5	5	5	6	6	10	14	15	11	7	6
29	11	6	4	2	1	2	5	5	4	5	6	5	5	4	4	5	5	6	10	14	16	18	14	6	7
30	4	5	2	2	1	3	5	7	6	5	6	7	8	9	7	5	3	4	10	4	5	7	5	5	5
31	5	3	2	1	1	1	1	2	1	2	2	2	2	4	4	2	2	2	3	3	4	4	4	3	3
MEAN	7	4	3	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	5	6	7	8	9	8	4.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	1	1	1	1	1	1	2	2	3	2	2	4	11	7	9	7	9	8	7	5	3	4
2	3	2	1	1	1	2	4	5	6	7	9	7	4	4	4	4	5	6	3	4	6	11	8	5	5
3	7	4	3	1	1	2	4	6	6	5	4	3	3	4	3	3	6	3	3	3	2	2	2	2	3
4	3	2	1	0	0	1	2	3	3	2	2	2	2	2	2	3	3	3	2	3	3	4	3	2	2
5	2	3	1	0	1	2	4	6	6	6	5	3	3	2	****	****	****	****	****	****	****	****	****	****	******
6												-	DATA	INVALID	-										
7												-	DATA	INVALID	-										
8												-	DATA	INVALID	-										
9												-	DATA	INVALID	-										
10												-	DATA	INVALID	-										
11												-	DATA	INVALID	-										
12												-	DATA	INVALID	-										
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	3	4	9	10	7	6	******
14	6	5	6	7	4	3	3	3	2	2	3	2	5	4	3	5	6	6	7	13	23	9	9	14	6
15	24	14	10	8	4	4	4	4	2	2	2	4	4	5	5	4	4	5	6	7	8	7	6	3	6
16	3	2	2	1	1	2	3	5	5	3	4	3	3	6	5	5	5	4	7	5	4	4	4	3	4
17	2	1	2	1	1	2	5	6	4	2	2	2	4	4	4	4	5	3	2	4	4	2	3	3	3
18	2	2	2	1	1	2	3	3	4	4	3	3	3	7	11	10	9	8	10	14	19	16	10	8	6
19	8	7	5	3	2	3	4	5	5	5	5	6	7	5	5	5	6	7	8	8	4	5	9	6	6
20	4	4	3	1	1	1	2	2	2	2	2	2	3	2	3	3	4	4	9	16	20	31	18	10	6
21	10	8	4	2	2	2	2	2	2	3	2	3	3	2	4	4	4	4	5	14	20	17	16	13	6
22	18	7	8	7	4	4	2	3	3	2	3	2	4	4	3	2	4	3	3	5	7	5	11	11	5
23	6	4	4	3	3	3	7	8	8	9	8	6	4	4	4	4	4	3	7	6	3	13	12	12	6
24	13	10	9	5	3	3	4	5	6	6	4	9	6	3	4	4	5	5	25	8	7	3	10	6	7
25	6	4	5	3	2	3	6	9	5	4	4	4	4	4	3	3	4	4	4	3	4	5	11	6	5
26	7	5	3	2	2	2	3	4	4	4	4	4	****	3	3	3	5	6	7	8	15	18	16	8	6
27	7	5	2	1	1	2	4	4	5	4	5	4	5	6	6	6	6	4	5	5	9	7	20	30	6
28	23	17	5	3	1	1	2	2	2	3	3	4	5	5	5	5	6	10	11	14	17	18	15	20	8
29	32	15	10	3	2	2	2	2	2	2	3	4	4	5	6	7	12	7	6	13	8	5	10	3	7
30	2	2	1	1	1	1	2	2	3	3	2	3	5	5	5	6	6	6	6	7	6	4	3	5	4
MEAN	9	6	4	3	2	2	3	4	4	4	4	4	4	4	4	5	5	5	7	8	9	9	9	8	5.2

PERCENTAGE OF DATA VALID - 73.1 PERCENTAGE OF DATA INVALID - 26.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	2	1	1	1	2	2	2	2	2	3	3	2	3	3	3	3	2	6	7	5	6	3	3
2	4	2	2	3	2	2	4	4	2	2	3	3	5	3	5	5	4	5	7	9	7	14	9	6	5
3	3	3	3	2	1	2	4	6	6	6	4	5	2	3	3	3	4	5	7	8	9	9	6	4	5
4	4	4	3	2	1	2	3	4	5	5	5	4	4	4	3	5	6	5	10	14	12	20	8	32	7
5	33	27	12	7	3	3	4	4	4	3	2	3	5	4	4	3	3	3	3	4	3	5	9	7	7
6	6	5	3	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2	3	3	6	12	6	4	3
7	2	2	1	1	1	2	4	4	4	3	3	4	3	2	2	4	4	3	3	3	6	4	3	7	3
8	7	5	3	2	1	2	4	4	3	5	5	3	3	3	4	4	5	4	4	4	5	4	4	3	4
9	3	2	2	2	2	2	4	8	6	8	9	4	7	6	5	8	6	7	10	9	16	23	16	8	7
10	11	8	7	5	4	4	6	6	5	4	3	3	2	4	4	3	3	2	2	6	12	12	12	6	6
11	4	3	2	1	2	2	3	4	5	5	4	5	4	4	4	4	4	3	2	2	3	5	7	9	4
12	20	22	5	3	2	1	2	2	2	2	2	3	4	4	3	6	5	5	10	10	5	7	6	6	6
13	13	7	4	3	1	1	2	2	2	3	2	2	2	2	2	1	2	3	7	9	13	28	13	14	6
14	7	4	4	4	3	4	5	5	3	4	4	3	3	4	7	4	3	2	2	6	8	5	6	4	4
15	3	2	2	1	1	1	2	6	8	6	3	3	4	4	4	5	4	4	6	5	5	6	10	8	4
16	5	4	4	2	1	1	2	4	3	3	5	6	4	6	4	7	7	4	4	12	21	17	4	2	6
17	10	7	3	2	2	2	3	3	3	3	3	3	4	****	3	7	3	4	5	10	5	8	11	5	5
18	4	3	2	1	2	2	4	6	4	3	3	3	3	4	6	5	6	5	13	15	16	21	9	5	6
19	4	5	3	3	1	1	2	2	2	2	2	2	2	2	3	3	3	3	7	9	11	11	31	38	6
20	38	25	11	7	2	2	3	3	2	4	4	3	4	6	4	3	4	5	4	14	18	29	11	8	9
21	3	4	2	3	1	2	3	3	4	4	3	4	3	3	4	6	3	3	4	3	4	5	9	4	4
22	2	2	2	1	1	2	3	4	4	3	4	4	3	3	3	4	3	3	5	10	11	7	3	4	4
23	3	2	1	1	1	1	2	3	2	2	4	5	4	5	3	3	5	3	4	3	6	19	7	4	4
24	2	2	1	1	1	2	4	5	5	4	3	3	3	4	2	2	2	3	2	2	6	2	3	7	3
25	5	2	1	1	2	2	3	4	3	3	3	3	4	4	3	3	3	3	2	4	6	10	12	10	4
26	21	22	12	5	2	2	4	2	3	4	6	7	11	15	9	15	16	19	20	12	24	32	32	33	14
27	33	21	15	4	3	2	2	3	2	3	3	4	6	5	7	12	10	12	14	22	17	13	10	3	9
28	3	3	2	1	2	3	6	4	5	7	6	9	9	5	6	8	3	2	3	2	2	4	5	6	4
29	5	3	2	1	1	2	4	5	6	4	4	4	4	3	4	3	2	3	9	13	20	8	8	11	5
30	11	4	2	1	1	1	2	4	3	3	3	3	3	3	3	3	3	3	3	4	7	6	3	2	3
31	2	2	2	2	2	3	3	3	2	2	5	7	****	9	6	6	6	6	8	17	17	20	21	14	7
MEAN	9	7	4	2	2	2	3	4	4	4	4	4	4	4	4	5	4	4	6	8	10	12	10	9	5.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	8	5	3	2	3	8	7	4	6	5	8	3	4	5	4	4	4	5	6	12	4	19	11	6
2	21	17	4	3	2	3	3	3	3	3	3	4	4	12	5	4	2	3	2	5	8	3	12	7	6
3	9	7	4	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4												-	DATA	INVALID	-										
5												-	DATA	INVALID	-										
6												-	DATA	INVALID	-										
7	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	5	3	3	5	5	6	8	7	4	******
8	5	4	3	2	2	2	2	4	3	4	5	4	5	6	5	4	3	5	3	4	6	9	6	9	4
9	6	5	3	1	1	1	1	1	1	2	2	3	3	2	3	6	9	9	8	6	4	4	14	12	4
10	9	19	12	5	3	2	3	2	2	2	3	3	4	5	8	9	9	10	18	15	19	22	15	8	9
11	6	4	3	2	2	2	5	7	5	5	6	5	6	7	7	6	8	7	8	14	13	18	13	8	7
12	4	2	1	1	1	2	4	4	4	4	3	3	3	3	3	3	2	3	3	4	3	4	4	3	3
13	3	2	2	1	1	2	3	5	4	3	5	4	3	3	2	3	4	3	4	8	6	9	7	7	4
14	13	4	3	2	2	2	4	4	3	5	5	4	3	3	4	4	3	2	3	5	7	4	4	5	4
15	5	3	1	1	1	2	3	4	3	4	4	3	3	3	4	4	3	4	3	3	4	3	5	8	3
16	6	5	3	1	1	1	1	2	2	2	3	4	3	3	4	4	5	6	2	3	4	9	10	15	4
17	28	27	12	4	3	2	2	3	2	2	2	3	3	3	5	6	8	9	10	15	13	16	12	5	8
18	3	2	2	2	1	1	3	4	5	4	8	7	6	7	7	9	8	7	12	16	19	21	25	11	8
19	6	8	4	4	3	3	5	6	5	6	7	7	4	4	3	3	4	4	5	27	23	22	19	15	8
20	9	9	4	2	2	2	5	6	5	6	8	8	6	6	5	6	6	5	6	10	14	17	16	9	7
21	9	5	2	1	1	2	4	5	5	6	7	6	5	6	5	5	5	6	9	11	16	19	16	13	7
22	8	6	3	2	1	2	3	6	4	5	7	11	11	10	7	8	7	9	11	17	27	31	19	28	10
23	14	18	5	2	2	2	2	2	3	4	4	6	5	4	4	4	3	5	4	6	8	17	8	6	6
24	11	5	6	3	2	2	2	2	3	2	2	2	2	3	3	4	5	9	8	7	12	12	13	10	5
25	10	6	4	4	5	6	11	8	6	6	5	6	5	4	4	6	4	5	4	7	4	6	2	3	5
26	4	3	2	2	2	2	3	5	3	5	4	6	6	****	4	3	3	3	3	2	6	8	5	4	4
27	2	2	2	1	1	2	3	4	5	4	5	5	4	4	4	5	6	4	4	6	9	6	9	6	4
28	6	4	2	1	1	2	4	6	5	9	9	10	8	8	9	6	7	7	5	11	11	14	13	10	7
29	11	6	3	1	2	2	4	6	6	5	7	9	8	7	8	7	7	8	13	23	22	28	32	26	10
30	31	27	20	6	4	3	4	4	5	3	2	5	4	3	4	4	6	6	7	5	5	10	3	4	7
31	5	5	3	2	2	1	2	2	2	2	2	2	3	3	4	5	12	5	3	3	8	11	7	4	4
MEAN	9	8	4	2	2	2	4	4	4	4	5	5	5	5	5	5	5	6	6	9	11	12	12	9	6.0

PERCENTAGE OF DATA VALID - 85.9 PERCENTAGE OF DATA INVALID - 14.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	2	2	2	3	3	3	3	5	6	3	4	4	4	5	7	5	4	3	3
2	2	2	1	1	1	2	4	4	4	4	7	10	4	4	4	4	4	4	4	5	5	5	5	4	4
3	3	3	2	1	1	1	4	5	4	5	5	4	4	****	4	3	4	3	5	8	12	7	5	5	4
4	6	4	4	3	2	3	6	5	4	7	9	8	8	8	9	7	6	7	4	4	4	3	2	2	5
5	3	3	2	1	1	2	4	4	2	3	3	4	3	3	3	3	3	3	4	7	7	7	3	4	3
6	3	6	7	3	2	2	2	2	3	4	3	3	3	4	4	4	4	5	5	5	5	9	13	10	5
7	9	4	3	2	1	1	1	1	2	2	2	15	7	11	2	2	3	6	11	22	14	11	11	6	6
8	5	3	2	1	2	3	6	9	8	8	3	5	7	6	5	5	6	6	5	7	8	8	5	4	5
9	3	2	1	1	1	1	2	3	3	3	4	3	3	3	2	3	3	2	2	3	3	3	2	2	2
10	1	1	1	1	1	1	3	3	3	2	2	3	2	3	2	2	3	2	2	3	6	4	4	3	2
11	3	2	2	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	3	5	5	4	4	3	2
12	2	2	2	1	1	1	3	4	4	6	6	9	8	8	7	6	7	6	9	14	13	10	10	17	7
13	14	7	4	1	1	1	1	2	2	3	5	5	6	6	10	13	7	7	9	15	23	26	28	33	10
14	31	21	11	6	4	4	3	2	3	3	2	2	2	3	3	5	5	5	7	11	7	7	4	4	6
15	2	1	1	1	1	1	3	4	5	6	5	6	4	4	4	4	4	3	4	5	5	5	4	4	4
16	3	2	2	1	2	2	2	3	3	5	4	5	6	4	3	2	2	3	6	9	10	7	5	3	4
17	1	3	3	1	1	1	3	2	2	2	2	2	2	3	2	2	3	3	2	2	4	5	5	5	3
18	5	2	1	0	1	1	4	7	5	6	5	4	3	4	2	3	4	4	4	5	5	4	2	2	3
19	3	1	1	1	1	1	3	4	3	2	3	3	4	5	5	5	4	5	6	9	13	14	16	21	6
20	21	13	9	3	2	1	1	1	1	1	1	3	3	4	6	3	3	3	6	8	7	6	22	21	6
21	31	25	9	5	3	2	2	2	2	3	4	4	4	5	7	3	3	3	2	2	5	5	2	1	6
22	2	2	1	1	1	1	3	5	3	4	4	3	3	3	3	6	5	3	3	3	6	5	2	1	3
23	2	2	1	1	1	1	1	3	3	2	2	2	2	2	3	6	6	5	6	6	3	6	5	5	3
24	3	3	1	1	1	2	5	6	4	4	5	3	3	4	4	4	5	6	9	8	10	9	8	5	5
25	4	4	3	2	1	2	6	8	9	10	11	6	5	3	7	8	10	7	8	9	9	3	4	5	6
26	3	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2	2	3	4	5	5	5	2
27	5	4	3	1	1	0	1	2	1	0	1	1	1	1	2	1	1	2	3	10	5	5	7	4	3
28	5	2	2	1	1	1	1	1	1	2	2	2	4	3	3	2	3	3	9	15	7	7	5	3	4
29	2	1	1	1	1	1	5	7	5	5	4	4	5	4	5	5	6	6	6	7	8	12	9	10	5
30	12	8	4	5	4	5	7	4	5	4	4	2	2	2	3	2	2	1	2	2	2	2	1	1	4
MEAN	6	5	3	2	1	2	3	4	3	4	4	4	4	4	4	4	4	4	5	7	7	7	7	7	4.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	2	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	1	3	3	3	3	3	3	2	4	4	6	9	10	11	12	8	4	9	4
3	8	6	3	2	1	2	5	5	4	4	4	4	6	4	10	11	11	10	9	12	16	19	8	9	7
4	9	5	2	2	1	1	2	3	3	3	2	2	2	2	2	2	2	3	4	5	7	6	7	5	3
5	5	3	2	1	1	1	1	1	1	2	2	2	3	4	4	3	4	4	6	4	5	3	3	2	3
6	2	1	1	1	1	1	3	3	2	3	2	3	2	2	2	3	3	3	4	3	3	2	1	2	2
7	2	1	1	2	2	3	7	9	7	6	6	5	6	4	4	5	6	5	4	6	6	5	4	2	5
8	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3	3	4	2
9	4	3	2	2	1	2	4	8	6	5	5	5	5	4	3	4	3	4	8	10	11	11	8	6	5
10	7	4	4	2	2	2	7	5	4	4	6	5	6	6	7	7	7	7	8	15	25	23	28	24	9
11	23	12	6	4	2	2	2	2	2	3	3	4	5	5	3	5	5	5	5	8	6	7	8	6	6
12	7	4	2	1	1	1	1	1	2	2	2	3	2	2	3	3	3	2	3	4	4	4	4	4	3
13	3	1	1	1	0	0	1	1	1	1	2	2	2	2	3	3	2	2	2	3	3	3	2	2	2
14	1	1	1	1	1	1	3	5	6	5	4	3	4	3	2	2	3	4	4	5	4	5	7	8	3
15	7	3	4	1	1	1	4	5	6	4	7	7	7	9	7	7	8	7	13	12	8	7	11	5	6
16	6	4	3	2	1	2	6	7	9	10	11	13	10	15	12	9	9	8	8	11	14	9	9	9	8
17	8	5	3	3	2	2	6	10	10	9	8	7	6	12	5	3	3	2	2	2	2	3	3	2	5
18	2	2	1	1	1	1	1	2	3	2	2	2	2	3	3	3	3	4	8	6	6	6	11	11	4
19	7	3	2	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	4	4	3	4	2	2	3
20	1	1	1	1	1	2	2	3	3	3	3	3	3	3	4	4	4	3	3	4	3	3	3	3	3
21	2	1	1	1	1	1	2	5	4	6	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3
22	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	6	5	5	6	3	4	6	5	6	3
23	5	3	2	1	1	3	5	7	6	5	5	4	4	6	6	6	8	8	6	7	6	5	4	3	5
24	2	1	1	1	1	1	2	3	3	5	6	3	6	7	6	7	7	7	6	8	14	16	18	17	6
25	18	8	4	2	2	2	3	3	4	4	5	5	6	7	8	9	12	3	2	2	4	5	5	3	5
26	3	1	1	1	1	0	1	1	1	1	1	1	1	2	1	2	2	2	4	3	2	2	2	2	2
27	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	5	4	4	3	3	3	2
28	4	3	3	2	1	1	1	3	4	4	3	2	2	2	3	4	4	4	3	3	2	4	3	3	3
29	3	2	2	1	1	1	1	3	5	4	3	3	3	3	4	4	5	6	6	4	4	4	4	3	3
30	3	3	2	1	1	1	1	2	2	3	3	3	3	3	4	3	3	3	2	2	2	1	1	2	2
31	2	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	4	4	7	7	7	6	3
MEAN	5	3	2	1	1	1	3	4	4	4	4	4	4	4	4	4	5	4	5	6	6	6	6	5	3.9

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	2	2	1	1	1	2	2	2	2	2	4	4	3	3	4	5	6	7	6	7	6	4
2	6	8	6	4	2	1	1	1	1	1	2	2	3	5	5	6	6	4	7	17	12	14	10	6	5
3	4	4	3	2	1	1	2	2	3	3	4	5	5	5	7	8	8	10	10	9	10	3	2	2	5
4	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	4	4	4	2	2	2	2	2
5	2	1	1	1	1	1	1	2	3	3	3	2	3	2	3	3	3	3	3	3	4	4	4	3	2
6	3	2	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2
7	2	2	1	1	1	1	1	3	3	4	4	4	7	10	14	11	9	4	6	8	8	6	5	3	5
8	3	2	2	2	1	1	1	2	2	3	4	5	4	3	4	3	3	6	10	15	12	11	9	12	5
9	18	10	6	4	2	2	2	2	3	5	3	3	2	3	3	3	3	5	5	4	3	3	2	2	4
10	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	4	2	2	3	2	2	2	2
11	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2
12	2	1	1	1	1	1	2	2	2	3	2	3	2	4	5	5	5	8	5	5	7	6	6	7	4
13	6	7	3	2	1	1	1	2	2	3	3	4	4	5	6	12	6	5	6	6	6	6	6	6	4
14	5	3	3	3	2	1	2	2	3	4	4	3	5	5	3	4	5	9	7	8	14	16	19	18	6
15	13	8	6	2	2	2	1	1	2	2	3	3	4	3	4	4	3	5	3	4	4	5	16	12	5
16	19	16	9	3	3	2	2	2	2	2	2	3	3	4	4	4	8	10	13	12	5	11	9	8	7
17	8	5	4	3	3	3	3	4	4	3	4	6	5	6	5	6	6	7	5	5	5	7	5	6	5
18	4	3	2	2	2	0	1	2	5	4	3	3	4	3	3	2	2	3	3	2	2	3	2	2	3
19	2	1	1	1	1	1	1	2	3	2	2	3	4	4	4	4	4	4	4	4	3	3	3	2	3
20	2	1	2	1	1	2	2	2	3	3	3	3	3	3	3	4	4	3	4	3	3	3	3	3	3
21	3	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	4	3	3	3	5	4	5	5	3
22	5	6	4	2	2	2	2	2	2	2	2	2	3	2	4	3	4	3	2	2	2	2	3	3	3
23	2	4	3	1	1	1	1	1	2	2	2	2	2	3	5	7	5	5	4	4	4	5	3	2	3
24	3	4	3	2	3	3	3	4	9	9	9	10	11	9	6	8	8	8	3	3	3	3	2	2	5
25	2	1	1	1	1	1	2	3	3	2	2	3	2	2	2	3	4	4	4	4	4	5	6	7	3
26	5	4	2	1	1	2	2	4	6	5	4	3	3	3	4	5	5	9	9	9	8	7	7	8	5
27	7	7	4	3	2	1	2	3	3	3	4	4	4	3	5	5	5	4	3	3	4	5	5	5	4
28	6	5	3	3	2	1	2	4	5	4	5	5	4	5	6	5	7	7	5	2	2	3	2	8	4
29	7	7	2	1	1	1	1	1	1	2	2	2	4	3	3	3	4	4	4	5	6	7	6	5	3
30	4	3	3	2	2	1	1	1	1	2	1	1	2	2	2	3	3	3	4	5	3	2	2	1	2
MEAN	5	4	3	2	2	1	2	2	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	3.7

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	3	5	5	4	4	5	5	3	5	8	11	10	9	9	8	7	6	5
2	6	3	2	2	1	1	2	4	5	5	5	3	2	3	2	2	3	3	2	2	2	2	1	1	3
3	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	2	3	4	4	4	3	3	2	4	2
4	4	2	1	1	1	1	1	4	6	7	6	7	5	7	8	6	8	9	10	8	7	8	7	5	5
5	4	4	3	2	2	1	2	5	6	7	6	5	6	6	6	8	10	10	11	11	15	16	21	18	8
6	14	12	7	6	4	3	2	3	4	6	6	6	6	8	7	8	9	9	12	11	13	15	18	22	9
7	16	12	7	5	4	2	2	2	2	3	4	5	7	9	8	9	10	9	11	9	7	9	5	7	7
8	5	6	5	3	3	3	4	8	12	10	8	3	3	2	3	4	3	4	4	3	3	2	2	3	4
9	2	2	1	1	1	1	2	4	5	5	5	5	9	6	7	8	9	5	7	5	4	4	3	3	4
10	4	2	2	1	1	1	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3	4	4	4	3
11	3	3	2	3	1	1	2	2	2	3	2	2	2	3	3	3	3	5	3	3	3	2	2	2	3
12	2	1	1	1	1	1	1	2	2	3	2	2	4	7	11	6	7	7	5	3	3	4	3	3	3
13	3	2	2	1	1	1	1	1	1	2	2	2	2	2	4	3	3	4	4	5	4	3	1	1	2
14	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	3	3	2	2
15	1	1	1	1	1	1	1	2	3	5	4	5	6	9	8	11	9	10	8	7	9	11	8	7	5
16	4	4	4	2	2	1	2	5	7	6	7	8	7	6	6	7	6	8	8	6	6	4	4	3	5
17	3	3	1	1	1	1	2	4	5	7	8	7	4	2	4	3	2	2	2	2	2	2	1	1	3
18	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	4	4	4	2	2	2	2	3	2	2
19	2	2	1	1	1	1	1	2	4	4	3	3	2	6	4	4	5	5	4	5	5	5	5	6	3
20	4	4	2	1	1	1	1	2	2	3	3	3	7	4	3	4	4	5	5	6	6	5	4	4	4
21	3	2	3	2	1	1	1	2	2	2	2	3	3	3	2	3	3	3	4	4	4	5	4	3	3
22	4	2	1	1	1	1	2	3	6	6	5	3	4	5	5	4	3	3	3	2	2	2	3	2	3
23	2	2	3	2	2	2	2	3	4	4	3	5	5	3	3	3	3	4	3	3	2	3	4	3	3
24	4	3	2	2	2	2	2	4	4	3	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3
25	2	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	3	4	3	4	3	2	2	2	2
26	3	2	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	4	5	5	6	5	5	5	3
27													- DATA INVALID -												
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	4	3	2	2	1	1	2	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	3.8

PERCENTAGE OF DATA VALID - 83.9 PERCENTAGE OF DATA INVALID - 16.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.0	7	30
FEB	29	2.6	5	15
MAR	24	3.8	9	27
APR	30	4.3	9	31
MAY	31	4.7	8	37
JUN	21	5.2	8	32
JUL	31	5.3	14	38
AUG	26	6.0	10	32
SEP	30	4.4	10	33
OCT	31	3.9	9	28
NOV	30	3.7	7	19
DEC	26	3.8	9	22
YEAR	340	4.2	14	38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	272	236	202	23	9	0	742
FEB	274	234	162	20	2	0	692
MAR	158	239	127	26	31	0	581
APR	128	249	285	38	17	1	718
MAY	66	278	326	43	26	2	741
JUN	36	179	239	41	29	2	526
JUL	44	300	292	58	39	9	742
AUG	29	192	302	67	46	3	639
SEP	109	266	276	44	21	3	719
OCT	124	324	239	42	15	0	744
NOV	106	336	232	34	12	0	720
DEC	109	267	204	35	9	0	624
YEAR	1455	3100	2886	471	256	20	8188

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.2	0	0.4	1.6	2.7	4.2	7.7	10.7	16.4	21.2	38	4.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	5	6	5	4	3	4	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3
2	2	1	1	1	1	1	1	2	2	2	2	****	3	4	4	4	5	4	4	4	4	4	4	4	3
3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
4	4	4	4	3	3	3	3	4	5	5	5	6	6	5	7	7	9	6	5	5	5	5	4	4	5
5	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	5	4	5	4	4	4	5	5	4
6	4	4	3	3	3	3	3	3	3	4	4	5	4	5	4	4	4	4	4	3	4	4	3	3	4
7	3	3	2	2	2	2	3	4	4	3	3	****	3	3	3	4	4	3	3	3	3	3	3	3	3
8	2	2	2	2	2	2	2	3	4	4	3	3	3	3	4	4	5	4	4	3	4	3	3	3	3
9	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	4	4	3
10	3	3	3	2	2	3	3	7	6	6	6	5	5	5	5	6	8	6	5	4	4	4	4	4	5
11	4	3	3	3	2	3	4	4	5	4	4	4	4	3	4	6	6	4	2	2	2	2	2	2	3
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	2	1	2	2
13	3	3	3	3	3	2	2	2	2	2	2	3	3	4	4	4	4	4	5	4	3	3	3	3	3
14	2	2	2	2	2	2	2	3	5	4	4	4	4	3	3	4	4	4	3	3	3	3	3	3	3
15	3	3	2	2	2	2	2	4	5	6	5	5	5	5	5	7	9	9	6	5	4	4	4	3	4
16	3	3	2	2	2	2	3	3	4	4	4	4	4	5	4	5	6	6	3	3	3	3	3	3	4
17	3	2	2	2	2	2	3	4	6	6	6	6	6	6	5	****	7	7	7	7	4	3	2	3	4
18	3	3	3	2	2	2	3	4	5	4	4	5	5	4	4	4	5	5	3	3	2	3	4	4	4
19	4	4	3	2	2	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3
20	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
21	3	2	2	2	2	2	3	3	4	4	3	3	3	3	4	6	5	5	4	4	4	4	4	3	3
22	4	4	3	3	3	3	3	4	4	4	4	5	4	4	4	4	6	5	4	4	4	4	4	4	4
23	3	3	3	2	2	2	3	3	4	4	4	3	3	3	4	4	5	4	4	4	4	4	4	3	3
24	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4
25	4	4	3	3	3	3	4	5	6	7	6	5	5	5	5	5	6	6	6	5	5	5	5	5	5
26	4	4	4	3	3	3	3	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
27	5	4	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6	5	4	4	4	4	4	4
28	4	3	3	3	3	3	3	4	5	5	4	4	4	5	5	5	6	6	6	5	5	5	4	4	4
29	4	4	4	3	3	3	4	5	6	6	5	5	4	4	4	5	5	5	5	4	4	4	4	4	4
30	4	4	4	4	4	3	3	4	5	5	4	4	4	5	5	5	5	5	5	4	4	4	4	5	4
31	4	4	4	3	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	3	3	2	2	2	2	2	2	******
2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	2
3	3	3	3	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	2	2	2	2	3	4	4	4	3	3	****	4	4	5	5	5	4	4	4	4	4	5	4
5	4	4	3	3	3	3	3	5	6	5	5	4	4	4	4	5	6	5	5	4	4	4	4	4	4
6	4	4	3	3	3	3	3	4	5	5	5	5	5	5	5	7	7	6	5	4	4	4	4	3	4
7	3	3	3	3	3	3	3	4	5	5	4	3	3	3	3	3	3	3	3	2	2	2	2	2	3
8	2	2	1	1	1	1	2	2	4	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
9	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	4	3	2	2	2	2	2	2	2
11	2	1	1	1	1	1	2	3	3	2	3	2	****	2	3	4	5	6	4	3	3	3	3	3	3
12	3	3	3	3	3	3	4	5	7	6	5	5	5	5	****	5	5	5	5	5	5	5	4	5	5
13	4	4	4	4	3	4	4	5	6	6	6	5	6	6	6	7	7	6	5	5	5	5	5	5	5
14	4	4	4	4	4	4	4	5	6	6	5	5	4	4	4	5	5	5	5	5	4	5	5	5	5
15	4	4	4	4	4	4	5	6	7	8	7	7	7	7	10	10	11	10	7	7	6	6	5	6	7
16	5	5	4	4	4	4	4	4	4	5	5	6	6	5	4	4	4	4	4	4	4	4	4	5	4
17	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	5	4	4	4	4	4	4
18	4	4	4	4	4	4	4	5	5	5	5	5	5	6	5	8	8	6	5	5	5	5	5	5	5
19	5	5	4	4	4	4	4	5	5	5	6	6	7	9	9	11	13	11	12	10	8	8	7	7	7
20	6	5	5	4	4	4	4	6	7	7	8	8	10	10	7	13	11	8	6	5	6	6	5	4	7
21	4	3	3	3	3	2	3	4	4	4	5	4	5	5	4	5	6	6	4	3	3	4	4	4	4
22	3	3	3	2	2	2	3	4	4	4	5	6	4	5	5	6	6	6	5	5	4	3	3	3	4
23	3	3	3	3	2	2	2	3	3	3	4	4	5	5	7	13	6	5	6	7	6	5	5	5	5
24	4	4	3	3	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3	3	3
25	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
26	2	2	2	2	2	2	2	3	4	3	3	3	3	4	3	4	4	4	4	3	3	3	3	3	3
27	2	2	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
28	2	2	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
29	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	3
2	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	4	4	4	4	3	3
3	3	3	3	3	3	3	3	4	5	5	4	4	5	4	5	5	5	5	4	3	4	4	3	4	4
4	3	3	3	3	3	3	3	4	4	4	4	4	5	6	6	7	8	8	6	5	4	5	4	5	5
5	3	3	3	3	3	3	3	5	5	6	6	7	8	5	6	6	5	4	3	3	3	3	3	3	4
6	3	3	3	2	3	3	4	4	4	4	4	4	5	5	5	6	7	7	5	5	5	4	4	4	4
7	4	4	4	3	3	3	4	5	6	5	5	6	6	6	6	8	9	8	6	6	7	6	5	6	5
8	5	4	4	4	3	3	3	3	3	4	4	4	5	4	4	5	4	4	4	4	3	3	3	4	4
9	4	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	4	4	4	4	4	4	4	4	4
10	3	3	3	3	3	3	4	5	6	5	5	5	5	5	5	6	7	5	5	4	3	3	3	3	4
11	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	3	4
12	3	3	3	3	3	3	3	4	4	4	4	4	4	4	7	9	10	11	7	8	6	5	6	6	5
13	4	4	3	3	3	3	4	4	5	5	5	5	6	6	5	8	7	6	6	5	5	4	4	4	5
14	4	4	4	3	3	3	5	5	6	****	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
15	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
16	4	5	3	3	2	2	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3	3
17	2	2	2	2	2	2	2	4	5	5	5	4	5	6	6	9	12	12	5	5	4	3	2	2	5
18	2	2	1	1	1	1	1	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	2
19	3	3	3	2	2	2	2	3	3	4	4	4	5	4	5	5	7	7	6	6	5	4	5	7	4
20	6	4	3	3	2	2	2	4	5	5	4	4	4	4	4	5	6	9	6	5	4	3	3	4	4
21	4	3	3	2	2	2	2	3	6	5	5	5	6	6	4	4	4	3	3	2	2	2	2	2	3
22	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3
23	3	3	3	3	3	3	3	3	3	3	4	4	4	5	4	5	5	5	5	4	4	4	4	4	4
24	4	3	3	3	2	3	3	4	5	5	5	5	5	4	5	6	7	7	5	5	4	4	4	4	4
25	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
26	2	2	2	2	2	2	2	3	4	4	3	3	4	5	6	7	9	8	6	5	5	4	4	3	4
27	3	3	3	2	2	2	3	6	6	7	5	4	5	5	5	7	7	10	6	5	5	4	4	4	5
28	4	3	4	3	3	3	3	4	5	6	6	6	6	6	8	9	12	12	9	5	5	5	4	4	6
29	4	4	4	3	3	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	3	4	4	3	2	2	2	2	3	3	3	3	3	3	3	4	3	3	4	4	3	3	3	3	3
31	3	2	2	2	2	2	3	3	4	4	4	4	4	5	4	5	8	7	6	5	5	5	5	4	4
MEAN	3	3	3	3	2	2	3	3	4	4	4	4	4	4	5	5	6	6	5	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	3	3	3	3	5	7	6	5	6	6	6	6	9	9	8	7	6	5	4	5	5	5
2	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5	6	8	7	7	5	4	4	4	4	5
3	4	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	8	8	6	6	5	5	5	5	5
4	4	4	4	4	3	4	4	4	4	4	5	5	4	5	5	5	4	4	4	4	4	4	4	4	4
5	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	5	5	4
6	5	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4
7	4	4	4	4	4	4	4	5	6	6	6	6	7	7	7	9	10	8	7	6	6	5	5	5	6
8	5	4	4	4	4	4	4	6	7	7	6	6	6	5	7	7	7	6	5	5	5	5	5	6	5
9	4	4	4	3	4	4	5	7	7	7	6	7	7	8	8	9	9	11	8	7	7	6	5	5	6
10	4	4	4	3	3	4	4	5	6	6	6	6	6	6	5	6	7	7	5	5	5	4	4	4	5
11	3	3	3	3	3	3	3	4	4	4	4	4	5	7	5	7	9	7	7	6	6	6	5	6	5
12	7	6	5	4	4	3	3	3	4	4	5	6	5	4	5	6	6	4	4	3	3	3	3	3	4
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3
14	3	3	3	3	3	3	3	4	4	5	4	4	5	5	5	5	6	6	5	5	4	5	4	4	4
15	4	3	3	3	3	3	3	4	4	5	5	6	5	6	6	6	7	7	5	6	5	4	4	3	5
16	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	4	4	3	4	3	3	3	4	3
17	4	3	3	3	3	3	3	5	6	5	5	5	5	5	6	7	8	9	7	6	5	5	4	4	5
18	4	4	4	3	3	3	3	4	4	4	5	6	6	6	6	7	8	7	6	4	4	4	4	5	5
19	6	4	4	4	3	3	3	4	4	5	4	4	5	5	5	5	6	6	6	6	7	6	6	5	5
20	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3
21	3	3	3	3	3	3	4	4	4	4	****	****	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	2	2	3	3	3	4	5	4	4	4	6	5	5	5	6	6	5	4	4	4	4	4	4
23	3	3	2	2	2	2	3	4	4	4	4	5	5	4	4	7	6	6	3	3	3	3	3	3	4
24	3	3	2	2	2	3	3	4	4	5	4	4	5	6	6	5	6	6	5	4	4	4	4	5	4
25	3	3	3	2	2	2	3	3	4	3	****	4	4	6	7	8	9	10	6	4	4	4	4	4	4
26	4	4	4	3	3	3	3	3	3	4	5	4	4	4	5	6	6	7	7	7	8	8	9	6	5
27	5	4	4	4	3	3	3	3	3	3	3	5	4	4	5	4	4	4	5	4	4	3	4	3	4
28	3	3	3	3	3	3	4	4	5	5	5	6	5	6	6	8	6	5	4	4	4	4	4	3	4
29	3	3	3	3	3	3	4	6	5	6	7	5	6	7	8	7	7	6	5	5	5	5	6	5	5
30	5	4	3	3	3	4	6	10	9	8	7	7	9	9	10	11	10	8	6	7	8	7	5	5	7
MEAN	4	4	3	3	3	3	3	4	5	5	5	5	5	5	5	6	6	6	5	5	5	4	4	4	4.6

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	4	5	5	5	6	****	4	8	7	10	9	6	5	6	7	5	4	3	3	5
2	3	3	3	3	3	3	6	11	10	8	8	7	7	8	10	12	8	4	4	5	5	5	5	4	6
3	4	4	4	4	4	4	4	4	3	3	5	6	5	3	3	3	3	3	3	3	3	3	3	3	4
4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	5	3	4
5	3	3	3	3	3	3	4	6	7	6	7	7	9	5	5	4	4	4	4	4	5	4	3	3	5
6	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	7	6	6	5	4	4	4	4	4	4
7	3	3	3	3	3	4	5	5	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4
8	4	3	3	3	3	4	5	5	4	4	5	7	6	5	5	5	5	4	4	4	4	4	4	4	4
9	3	3	3	3	3	4	4	5	5	4	4	5	5	5	5	6	5	5	4	5	4	5	5	4	4
10	4	4	3	3	3	4	4	5	5	5	5	4	5	5	6	5	5	5	5	5	5	5	5	6	5
11	5	4	4	3	3	3	4	4	3	4	4	5	5	4	4	4	4	4	4	4	4	4	5	4	4
12	4	4	4	4	4	5	6	8	7	6	6	6	6	6	7	7	7	6	5	6	6	5	5	4	6
13	5	5	4	4	4	5	5	7	7	7	6	7	8	9	11	11	11	9	7	7	7	7	6	5	7
14	4	3	3	3	3	4	4	4	5	4	4	4	6	7	5	4	5	4	4	4	4	4	4	4	4
15	4	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	5	4	4
16	4	4	3	3	4	6	6	7	****	6	6	6	5	5	6	6	5	5	4	5	5	6	5	9	5
17	6	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	4
18	3	3	3	2	2	2	2	2	2	3	4	4	4	4	4	4	3	2	3	3	3	3	2	2	3
19	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	4	4	4	3	3	2	3
20	2	2	2	2	2	3	3	4	5	5	4	6	6	5	6	7	6	5	5	5	5	4	4	3	4
21	3	3	3	3	3	2	3	7	6	6	6	7	7	6	6	7	7	6	5	4	4	5	5	4	5
22	3	2	2	2	2	3	4	4	7	7	6	7	6	6	6	7	7	7	5	4	3	4	4	4	5
23	4	3	2	2	2	3	7	7	9	7	9	9	6	7	7	5	7	5	5	6	7	8	6	3	6
24	5	3	3	3	2	2	2	4	4	5	5	5	4	5	5	4	4	4	3	2	2	2	3	3	4
25	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	2	2	2
26	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
27	3	3	2	2	2	2	3	4	4	4	4	3	3	4	4	4	4	3	3	3	3	3	3	3	3
28	3	2	2	2	2	2	3	5	6	6	6	7	6	6	7	8	8	7	7	5	7	7	7	7	5
29	6	5	3	3	3	3	5	5	5	5	5	5	5	5	6	7	7	6	5	5	5	4	4	4	5
30	3	3	3	3	3	3	6	7	6	6	6	7	7	6	8	8	8	6	6	5	4	4	4	4	5
31	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	3	3	3	3	3	3	3	3	3	3
MEAN	4	3	3	3	3	3	4	5	5	5	5	5	5	5	6	6	5	5	4	4	4	4	4	4	4.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	3	3	3	3	3	3	4	4	6	5	4	4	4	5	5	4	4	4	4
2	3	3	2	2	2	3	5	7	8	8	9	9	7	10	9	9	10	6	3	3	4	4	4	4	6
3	3	3	3	2	2	3	3	5	5	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	4
4	3	2	2	2	2	3	3	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3
5	3	2	2	2	2	3	3	5	6	6	5	5	5	6	7	8	6	5	5	5	5	5	4	4	5
6	3	4	3	3	3	4	5	6	6	7	8	9	7	7	9	12	8	7	5	5	5	4	4	3	6
7	4	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	6	4	5	5	5	6	6	7	4
8	7	4	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
9	3	3	3	3	3	4	5	5	6	7	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4
10	3	3	3	3	4	4	5	5	4	5	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4
11	3	3	3	3	3	3	4	5	5	5	6	6	8	8	5	5	5	4	4	5	5	5	7	7	5
12	6	5	4	5	5	5	7	7	6	6	6	7	7	7	8	9	7	6	6	6	6	6	5	5	6
13	5	4	4	4	4	5	7	8	7	7	6	9	9	8	11	7	6	6	6	6	6	7	7	6	6
14	6	5	5	5	5	5	5	5	5	5	5	5	6	6	7	6	6	6	5	6	8	5	6	7	6
15	7	6	5	5	5	5	5	5	4	5	6	8	5	5	4	4	4	4	4	4	4	4	4	4	5
16	4	4	4	4	4	4	5	6	6	5	5	5	5	7	7	7	6	4	4	4	4	4	4	3	5
17	4	4	4	4	4	4	6	8	8	7	6	7	8	9	10	15	9	6	5	4	5	4	5	5	6
18	5	4	4	4	4	4	6	7	7	7	7	7	7	5	5	9	11	6	7	7	7	7	5	4	6
19	4	4	4	4	4	4	6	6	5	6	7	6	6	7	7	7	6	7	6	6	5	5	5	5	6
20	6	4	4	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	6	7	8	9	9	7	5
21	6	5	4	4	4	4	4	4	4	5	6	6	5	6	6	6	6	6	6	7	10	9	10	10	6
22	9	9	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	6
23	5	5	5	4	4	6	9	10	10	9	8	8	7	7	6	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	9	9	10	8	8	9	9	7	7	8	6	6	6	6	5	******
25	4	4	4	4	5	6	9	11	8	6	8	8	9	7	9	8	6	5	6	5	5	6	6	5	6
26	5	4	4	4	4	6	8	8	7	7	7	7	6	7	9	10	9	6	5	6	6	6	6	5	6
27	6	4	4	3	3	5	5	5	4	5	5	4	5	6	6	6	5	4	5	5	5	5	5	5	5
28	5	5	4	4	4	4	4	4	5	5	5	5	6	6	6	5	6	6	6	7	6	7	6	6	5
29	6	5	4	6	4	5	4	4	4	5	5	6	5	5	5	5	5	4	6	7	5	6	6	4	5
30	4	4	4	4	4	4	4	4	****	4	4	4	4	6	5	10	8	7	6	5	4	4	4	4	5
MEAN	5	4	4	4	4	4	5	6	5	6	6	6	6	6	6	7	6	5	5	5	5	5	5	5	5.2

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	4	4	5	5	5	5	5	7	6	5	5	5	5	5	6	6	5	5	5	5	5
2	5	5	4	4	5	6	6	5	5	4	5	4	5	6	6	5	5	5	5	5	4	6	6	5	5
3	5	4	4	4	4	5	5	6	7	8	7	8	8	7	7	8	7	8	8	7	6	7	8	6	6
4	5	4	5	5	5	6	7	6	8	9	8	7	7	9	11	13	9	8	8	7	8	8	8	7	7
5	8	6	5	5	5	5	5	6	6	6	6	6	6	7	5	4	4	4	4	4	4	4	5	4	5
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	5	4
7	4	4	4	4	4	6	11	9	8	8	8	7	7	7	10	9	8	6	6	6	6	6	6	6	7
8	5	5	5	5	5	5	8	8	8	9	6	6	5	5	6	6	5	5	5	5	5	5	5	4	6
9	4	4	4	4	4	4	7	9	9	8	15	9	9	9	12	12	10	9	8	8	9	8	8	7	8
10	8	7	7	8	7	7	7	7	8	****	7	7	6	8	9	9	8	5	5	6	6	6	6	6	7
11	5	4	4	4	4	5	4	6	7	7	7	9	5	6	6	5	5	4	4	4	4	4	4	4	5
12	4	4	4	4	4	4	4	5	4	4	4	4	5	6	7	4	4	3	4	4	5	5	5	5	4
13	6	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	5	7	7	5
14	6	5	4	5	5	6	7	7	7	8	7	8	8	7	8	9	6	5	5	5	5	5	5	5	6
15	5	4	4	4	4	5	6	7	8	8	6	6	6	9	11	11	8	6	6	6	5	5	6	6	6
16	8	7	7	6	6	9	6	6	5	5	6	9	6	6	7	9	7	7	6	7	9	6	6	6	7
17	5	5	4	4	4	4	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	4	5
18	4	4	4	4	4	4	6	****	7	5	5	7	6	5	9	7	7	7	5	5	5	5	5	5	5
19	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2	3	3	4	4	5	6	3
20	7	4	4	3	2	2	3	2	2	3	3	3	3	4	5	4	3	3	5	5	6	6	4	4	4
21	3	2	2	2	2	3	4	5	6	5	4	5	5	5	6	6	5	4	4	3	3	3	3	2	4
22	2	2	1	2	2	2	5	6	6	5	6	6	8	6	8	7	7	5	5	5	5	4	3	3	5
23	2	2	2	2	1	2	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	4	3	3
24	2	2	2	2	2	2	3	****	****	7	6	5	6	4	4	5	4	4	4	4	3	3	3	4	4
25	2	2	2	2	2	3	6	6	5	5	5	5	4	5	6	5	4	4	6	4	4	4	4	3	4
26	4	4	4	3	3	3	3	3	3	3	3	4	4	8	6	6	6	6	8	5	5	7	8	6	5
27	5	4	3	3	3	3	2	2	2	2	3	3	3	4	4	3	3	4	4	4	5	4	4	3	3
28	2	2	2	2	2	3	5	6	8	5	5	6	8	6	7	10	6	4	4	5	3	5	5	4	5
29	4	3	3	2	2	2	4	5	5	7	5	7	6	7	8	12	7	5	6	7	6	6	6	5	5
30	4	4	3	2	2	2	4	4	4	4	5	9	4	5	5	4	4	4	4	5	5	5	4	3	4
31	3	3	2	3	4	4	7	8	8	6	6	8	8	10	9	8	8	5	5	6	6	5	5	5	6
MEAN	5	4	4	4	4	4	5	5	6	6	6	6	6	6	7	7	6	5	5	5	5	5	5	5	5.1

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	3	3	3	****	8	7	8	7	10	5	7	6	6	5	4	5	5	7	7	8	6	6
2	4	4	3	3	3	3	5	5	5	6	6	7	5	16	7	5	5	4	4	4	5	4	5	4	5
3	4	4	4	3	3	3	4	3	4	3	4	4	4	5	4	4	5	4	4	4	4	5	4	4	4
4	3	4	3	3	3	4	5	5	4	4	5	4	5	6	4	5	5	4	6	6	5	5	5	4	4
5	4	3	3	4	3	7	6	7	7	6	6	6	6	6	7	7	6	6	4	4	4	4	4	4	5
6	3	3	2	3	3	4	4	5	4	5	8	6	6	6	4	4	4	3	3	3	4	5	5	4	4
7	3	3	2	2	3	4	6	7	7	5	8	8	5	****	3	3	2	2	1	1	1	1	1	1	3
8	1	1	1	1	1	2	3	5	4	5	6	3	4	3	4	4	4	3	1	1	1	2	2	1	3
9	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1	1
11	1	1	1	1	1	2	2	5	4	3	4	4	4	3	5	5	4	3	3	3	2	3	4	2	2
12	1	1	1	1	1	1	3	5	5	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	2	3	3	3	3	3	3	7	4	5	6	4	4	3	3	3	2	3	3	3
14	3	2	1	1	1	2	5	5	4	4	6	3	3	3	6	6	3	2	2	2	3	2	2	2	3
15	2	2	2	2	2	2	3	3	3	3	2	2	2	2	****	4	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
17	4	4	3	3	3	4	4	4	3	4	4	4	4	4	4	4	4	4	4	5	4	4	4	3	4
18	3	3	3	3	3	4	5	5	6	6	7	7	7	8	9	9	7	5	5	5	6	5	6	6	6
19	5	5	5	5	5	5	6	7	5	4	5	5	4	4	7	7	6	6	7	7	7	6	5	5	6
20	4	4	3	3	3	4	6	6	5	5	6	6	5	6	5	6	6	5	5	5	5	5	5	5	5
21	4	4	3	3	3	4	5	5	5	5	6	4	5	5	5	6	6	4	4	5	4	5	4	4	5
22	4	3	3	3	3	3	4	5	5	5	5	6	6	6	8	6	7	5	5	5	6	6	5	5	5
23	5	5	4	3	3	3	3	3	3	3	4	4	5	5	5	4	5	5	5	6	3	4	4	4	4
24	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	4	5	5	6	8	4
25	7	6	4	4	5	6	9	10	7	6	8	7	****	-	-	-	-	-	-	-	-	-	-	-	******
26	- DATA UNAVAILABLE -																								
27	-	-	-	-	-	-	-	-	-	****	7	7	5	6	8	9	7	4	4	5	5	3	3	3	******
28	3	3	3	3	3	3	4	5	4	5	6	6	6	5	7	8	6	5	5	5	4	5	5	4	5
29	4	3	3	3	3	4	6	5	****	4	6	5	5	5	7	7	5	5	5	5	5	5	6	5	5
30	4	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	5	4
31	5	4	3	3	3	3	3	3	3	3	3	4	4	4	5	5	6	4	4	4	6	4	4	3	4
MEAN	3	3	3	3	3	3	4	5	4	4	5	5	4	5	5	5	5	4	4	4	4	4	4	4	3.9

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 5.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	4	4	4	6	5	4	5	4	4	4	4	4	4	3	4
2	3	3	3	3	3	4	6	7	6	6	7	6	6	7	5	4	4	4	4	5	4	4	4	4	5
3	3	3	3	3	3	3	4	4	4	4	4	4	5	6	7	6	6	5	6	6	6	5	4	4	5
4	4	3	3	3	3	4	5	6	6	6	6	7	6	6	7	7	8	6	5	5	5	4	4	4	5
5	4	3	3	3	3	4	6	6	6	6	6	7	4	4	4	5	5	4	4	5	5	5	6	5	5
6	4	4	4	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
7	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	4	4	4	4	4	4
8	4	3	3	4	3	4	5	9	8	8	7	7	7	6	6	8	7	6	5	4	4	4	4	3	5
9	4	4	4	4	4	5	6	6	7	6	7	6	6	6	6	5	5	4	4	4	4	4	3	3	5
10	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4
11	4	4	3	3	3	3	4	5	5	4	4	4	4	4	4	5	4	4	4	5	5	5	5	4	4
12	4	3	3	3	3	4	4	6	6	5	6	6	7	7	9	10	8	7	6	6	5	6	6	5	6
13	5	4	4	3	3	3	4	4	4	4	5	5	5	6	6	6	6	5	5	5	5	5	6	6	5
14	7	6	6	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	3	5
15	4	3	3	3	3	4	4	5	5	5	6	7	7	****	6	7	5	5	5	5	4	4	4	4	5
16	3	3	3	3	3	4	4	5	6	6	6	7	6	6	7	6	5	6	5	5	4	4	3	3	5
17	3	3	3	3	3	5	5	5	5	4	3	3	4	3	3	4	3	3	3	3	3	4	3	3	4
18	2	2	2	2	2	3	6	7	6	5	6	6	6	6	6	6	5	5	4	5	4	4	3	3	4
19	3	3	3	3	3	5	6	4	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	****	****	****	****	****	****	****	****	****	****	****	****	****	6	7	10	6	4	2	3	4	3	2	2	******
23	2	2	2	2	2	3	4	4	3	****	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
24	2	2	2	2	2	2	3	4	5	4	5	5	5	4	4	6	5	5	6	4	4	4	5	4	4
25	3	3	3	2	2	3	4	7	7	8	10	7	7	7	8	11	8	6	5	5	4	4	4	4	6
26	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	4	4	3	3	3	3	4	4	4	4	3	4	4	4	4	4	4	3	4
28	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	3	3	3	3	3
29	3	3	2	3	3	3	4	8	6	5	5	6	5	5	7	8	7	6	6	5	5	7	6	5	5
30	7	6	5	4	4	5	7	8	8	7	6	6	6	7	6	9	7	5	5	4	4	4	4	3	6
MEAN	4	3	3	3	3	4	4	5	5	5	5	5	5	5	5	6	5	5	4	4	4	4	4	4	4.3

PERCENTAGE OF DATA VALID - 89.3 PERCENTAGE OF DATA INVALID - 10.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	3	6	5	5	4	5	5	4	4	5	4	4	4	4	3	3	4	3	2	4
2	2	2	2	2	2	2	3	4	4	4	4	4	5	5	5	6	5	5	4	4	4	4	4	4	4
3	3	3	2	2	2	3	4	6	4	****	5	5	6	4	7	8	8	7	6	5	4	4	4	3	5
4	4	3	3	2	2	2	3	3	3	4	3	4	3	3	3	3	3	3	3	3	3	3	3	2	3
5	3	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	2	2	3	2	3
6	2	2	2	2	2	3	4	5	4	4	4	4	5	5	6	7	7	5	4	4	3	3	3	3	4
7	3	3	2	2	3	5	4	7	6	8	9	8	7	6	7	8	9	6	5	5	5	4	5	3	5
8	3	3	3	3	2	3	4	4	4	5	4	4	****	4	5	5	5	4	4	4	3	3	3	2	4
9	2	2	2	2	2	2	3	4	4	4	3	3	5	5	7	8	8	6	5	3	3	3	3	3	4
10	3	2	2	2	2	3	7	6	4	4	5	5	5	5	7	8	7	4	5	5	6	5	6	5	5
11	6	4	3	3	3	3	4	4	4	4	5	4	5	6	4	5	4	4	5	4	4	4	4	3	4
12	3	3	2	2	2	2	2	3	3	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3
13	2	2	2	2	2	2	3	3	2	2	2	2	3	2	3	2	3	3	3	3	3	3	4	3	3
14	2	2	2	2	2	4	5	6	5	4	4	4	6	6	8	10	8	6	6	5	5	4	4	4	5
15	4	4	3	3	3	4	5	6	6	6	6	6	6	7	9	9	9	7	7	5	5	5	5	5	6
16	5	4	4	3	3	4	5	8	6	8	6	8	9	10	11	11	10	8	6	6	5	5	5	4	6
17	4	3	3	3	3	4	7	9	9	10	8	9	9	11	10	10	9	6	6	5	5	5	5	4	7
18	4	4	4	3	3	3	4	4	4	4	4	5	5	4	4	4	4	5	6	5	4	4	5	4	4
19	4	3	3	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	2	3
20	2	2	2	2	2	3	4	5	5	4	4	4	5	4	6	7	5	4	4	4	4	4	3	3	4
21	3	3	2	2	2	3	5	6	7	7	6	5	4	5	5	4	4	3	3	3	3	4	4	3	4
22	2	2	2	2	2	3	4	5	5	3	3	3	3	3	4	4	5	3	4	3	3	3	3	2	3
23	3	2	2	2	2	2	3	5	6	5	5	5	6	5	6	8	7	6	5	5	6	3	3	3	4
24	2	2	2	2	2	2	3	4	4	4	5	5	6	6	7	7	7	6	5	5	4	4	5	4	4
25	4	3	3	3	2	2	4	4	4	4	5	5	7	7	8	5	6	4	3	3	3	2	2	2	4
26	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
27	1	1	1	1	1	1	2	2	3	3	3	2	3	3	3	4	5	5	5	4	3	3	3	3	3
28	3	2	2	2	2	2	2	3	3	3	2	2	2	****	4	4	4	5	5	5	4	4	3	3	3
29	3	3	3	3	3	3	3	6	5	5	4	4	4	4	4	5	5	6	5	4	4	4	4	4	4
30	4	4	3	3	3	3	3	4	5	4	4	5	****	****	****	****	****	****	****	****	****	****	****	****	******
31	****	****	****	****	****	****	****	****	****	****	****	****	3	3	4	4	5	6	4	****	****	****	****	**	*****
MEAN	3	3	2	2	2	3	4	5	4	4	4	4	5	5	5	6	6	5	5	4	4	4	4	3	3.9

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	2	2	2	3	3	3	3	4	4	3	3	3	4	3	3	******
6	3	3	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	5	4	3	3	3	3	4	3
7	4	3	2	2	2	2	4	6	7	7	5	6	11	13	13	13	17	16	9	8	5	4	3	3	7
8	3	3	2	2	2	2	2	2	2	3	3	5	5	5	5	6	7	6	6	7	4	4	3	4	4
9	3	4	3	2	2	2	2	3	3	5	4	4	3	3	3	3	3	4	4	4	4	3	3	3	3
10	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	4	3	3	3	3	3	2	3
11	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	2	2	3
12	2	2	2	2	2	2	2	3	3	2	2	3	2	3	3	3	3	4	5	6	4	4	5	5	3
13	4	5	4	3	3	3	3	5	6	7	7	8	8	9	12	13	13	7	7	6	5	6	5	4	6
14	5	5	4	4	3	2	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4	3	4	3
15	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3
16	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	6	5	5	5	6	6	3
17	5	4	4	4	4	4	4	6	5	5	5	6	6	5	5	6	8	8	5	4	3	3	3	3	5
18	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	3
19	2	2	2	2	2	2	2	4	5	4	3	4	7	5	5	6	7	7	5	5	4	3	4	4	4
20	3	4	2	2	2	2	3	5	5	5	5	6	6	6	6	****	10	7	6	7	5	4	4	5	5
21	3	3	3	3	3	3	3	4	6	5	4	4	5	5	5	5	6	5	4	4	3	3	3	4	4
22	3	4	3	3	3	3	3	3	4	4	4	4	4	4	4	5	6	6	6	4	6	5	5	5	4
23	5	5	5	4	3	3	3	4	4	4	4	4	5	5	6	7	7	5	5	5	5	6	5	5	5
24	4	4	4	4	4	4	4	5	6	8	7	7	10	6	5	6	7	5	4	4	3	3	3	3	5
25	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	4	4	4	4	3	4	4	4	5	3
26	5	4	2	2	3	3	4	5	6	5	5	4	4	4	4	5	5	5	7	8	6	5	6	5	5
27	4	4	4	3	3	3	4	4	5	5	4	5	6	5	5	7	8	7	6	5	5	5	4	4	5
28	4	4	3	3	3	3	3	5	6	6	6	6	7	8	6	6	9	10	6	6	6	4	4	5	5
29	4	5	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4
30	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	6	5	5	5	5	5	4	3	4
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	6	6	5	5	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 85.3 PERCENTAGE OF DATA INVALID - 14.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	6	6	6	4	4	5	5	7	13	13	7	6	6	6	5	5	4	5
2	4	4	3	3	3	3	4	5	8	8	8	7	6	7	8	9	8	6	6	5	4	3	3	3	5
3	3	3	3	3	3	3	3	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	5	4	4
4	4	3	3	3	3	3	4	5	7	8	8	8	8	7	6	6	8	6	5	5	5	5	5	5	5
5	5	4	4	3	3	3	4	6	7	7	7	6	7	7	9	11	16	11	10	8	9	6	7	7	7
6	7	7	5	5	5	4	4	6	7	7	7	6	7	7	6	7	7	6	7	6	6	9	7	6	6
7	6	6	5	5	4	4	4	4	4	4	4	5	6	6	7	8	8	9	11	11	10	9	9	9	7
8	7	7	6	6	5	5	6	12	14	13	8	7	8	7	7	6	6	6	6	4	4	4	4	4	7
9	4	4	4	4	3	4	4	6	6	5	6	6	8	9	9	12	10	10	7	6	6	6	5	5	6
10	5	5	4	4	4	4	4	6	7	6	5	5	5	5	5	6	6	6	5	4	4	4	4	4	5
11	4	4	3	3	4	4	5	6	6	6	6	5	5	5	5	6	7	6	5	4	4	4	4	4	5
12	4	4	3	3	3	3	4	6	6	6	7	7	8	8	14	13	12	8	8	5	5	4	4	4	6
13	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	6	5	4	5	6	4
14	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	5	5	5	6	6	5	5	5	5	4
15	4	4	4	4	4	4	5	6	7	7	7	7	7	9	11	11	11	8	7	7	7	6	6	6	7
16	5	5	5	4	4	4	5	6	7	6	6	6	6	6	7	7	7	6	7	6	5	5	5	5	6
17	5	5	4	4	4	4	4	6	7	8	9	9	10	9	9	10	10	9	7	7	6	6	6	6	7
18	5	5	4	4	4	4	5	5	5	6	6	6	6	7	7	7	8	7	6	6	6	5	5	5	6
19	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	8	7	8	7	6	5	5	5	5
20	5	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	7	6	6	6	6	5
21	5	5	5	5	4	4	4	5	5	4	5	5	5	5	5	5	6	6	6	5	5	5	6	6	5
22	5	5	4	4	4	4	5	7	8	8	9	8	8	9	11	13	11	12	8	7	6	6	6	7	7
23	6	6	6	6	6	6	7	7	8	7	8	9	10	9	8	8	8	9	7	7	7	6	7	7	7
24	6	6	6	5	5	5	6	6	7	6	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5
25	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	6	5	5	5	5	5	5
26	5	5	4	4	4	4	4	5	5	5	5	5	6	5	5	6	6	6	7	6	6	6	5	7	5
27	6	5	5	6	6	6	7	11	7	6	7	7	8	7	6	7	7	7	7	7	7	8	9	11	7
28	10	10	6	6	7	8	8	10	7	7	7	6	7	7	8	7	7	7	8	7	7	7	6	6	7
29	6	6	6	6	6	6	6	10	12	13	12	9	9	8	8	8	8	9	7	7	6	6	6	6	8
30	6	6	6	5	5	5	5	6	6	6	7	6	6	7	7	7	7	7	7	7	6	6	7	7	6
31	6	6	6	6	6	6	6	6	7	8	8	****	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	5	5	4	4	4	4	5	6	7	6	6	6	6	7	7	8	8	7	7	6	6	6	6	6	5.9

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	3.6	5	9
FEB	28	3.8	7	13
MAR	31	3.8	6	12
APR	30	4.6	7	11
MAY	31	4.3	7	12
JUN	28	5.2	6	15
JUL	31	5.1	8	15
AUG	28	3.9	6	16
SEP	26	4.3	6	11
OCT	29	3.9	7	11
NOV	25	4.0	7	17
DEC	30	5.9	8	16
YEAR	347	4.4	8	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	6	331	385	3	0	0	725
FEB	21	319	325	16	0	0	681
MAR	13	355	361	14	0	0	743
APR	0	209	489	19	0	0	717
MAY	0	275	451	16	0	0	742
JUN	0	113	544	43	1	0	701
JUL	2	130	570	37	1	0	740
AUG	79	205	403	6	1	0	694
SEP	0	219	417	7	0	0	643
OCT	10	323	359	20	0	0	712
NOV	0	291	308	13	2	0	614
DEC	0	50	618	60	3	0	731
YEAR	131	2820	5230	254	8	0	8443

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.1	0	1.8	2.8	3.6	4.6	6.3	7.3	8.7	9.8	17	4.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	6	5	5	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
2	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
3	2	2	2	1	1	2	2	3	4	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
4	2	2	2	2	2	2	3	4	4	4	4	2	2	****	2	4	3	2	2	2	2	2	2	3	
5	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2
6	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2
10	1	1	1	1	1	2	2	2	3	2	2	1	2	1	2	2	2	1	1	1	1	1	1	2	2
11	1	2	1	1	1	1	2	4	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1
13	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
15	2	2	1	1	1	1	2	4	5	5	2	2	1	1	5	2	2	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	****	1	1	1	0	1	1	1	1
17	0	1	0	0	0	1	1	3	3	2	2	2	2	1	1	3	2	2	1	2	1	1	1	1	1
18	1	1	1	0	0	1	1	1	1	1	1	1	1	1	****	2	2	2	2	1	1	1	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	3	2	2	2	1	2	1	1	1
23	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	1	2	2	1	2	3	3	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
26	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	2	2	2	2	2	****	1	2	1	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	3	3	4	3	2	2	2	2	2	2	2	2	2	1	2	1	2	2
30	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	****	2	2	2	-	2	1	1	1	1
31	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	
2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2
3	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	2	2	3	****	****	2	2	2	2	****	2	2	2	1	1	1	1	1	2
5	1	1	1	1	1	1	1	2	4	3	2	****	2	2	2	1	-	-	3	2	2	2	2	2	2
6	2	2	2	2	1	1	2	2	3	2	****	****	2	1	1	1	2	2	2	2	2	2	2	2	2
7	2	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2
8	2	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	2	2	2	1	2	2	2	2	1
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	2	1	1	
12	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	2	2	2	2	1	2	2	1	2
13	2	1	1	1	1	1	1	2	2	2	4	4	1	1	1	****	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1
15	2	2	2	2	1	1	2	4	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	2	2	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	2	2	****	2	2	2	3	5	4	4	2	2	1	2	1	2
20	1	1	1	1	1	1	2	3	2	2	3	3	2	2	3	3	3	3	2	2	2	3	2	2	2
21	2	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
22	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	****	2	2	2	3	2	1	1	1	1
23	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	4	2	2	2	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1
27	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
28	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	7	2	2	2	2	1	2	1	2	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1.5

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	1
2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
3	1	1	1	1	1	1	1	****	****	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	1	2
5	1	1	1	1	1	1	2	3	2	2	2	2	2	3	4	3	2	2	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	2	1
7	2	2	1	1	1	2	2	3	3	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
9	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	****	****	****	****	****	****	****	****	1
11	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	******
12	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	2	*
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
14	1	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
16	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	2	1	1	1	2	4	8	8	4	3	3	4	5	3	3	4	3	3	2	2	1	1	1	3
18	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	3	1
20	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
21	1	1	1	1	0	0	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	1	1	0
23	1	1	1	0	1	0	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
25	1	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	1	1	0	0	1	0	0	0
26	0	0	0	0	0	0	0	1	2	1	1	1	1	2	1	1	3	3	2	2	2	2	1	1	1
27	1	1	1	1	0	1	2	3	2	1	1	0	0	0	****	2	2	2	2	2	1	1	1	1	1
28	1	1	1	1	1	1	2	4	3	3	2	2	2	1	2	2	2	2	3	3	3	3	2	2	2
29	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	4	2	-	1	1	1	-	4	1	1	1	1	1	0	0	0	0	1
2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	****	****	0	0	0	****	****	****	****	****	1
3	****	****	****	****	****	****	****	1	****	****	****	****	-	****	****	1	1	1	1	1	0	0	0	0	******
4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
5	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
6	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	1	1	1	1	2	1	2	1	1	1	2	2	1	1	1	1	1	1	1
8	1	0	1	1	1	0	1	1	2	1	1	1	1	1	****	2	2	1	1	1	1	1	1	-	1
9	1	0	0	0	1	1	2	4	2	2	2	1	1	2	2	1	1	2	1	1	1	1	1	1	1
10	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
11	1	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	3	2	2	2	3	2	1	1	1
12	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1
13	1	1	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	1	1	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1	1
18	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	2	2
19	2	3	3	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	1	2	2
20	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	3	2	1	2	2	1	2	2	2	2	2	1	2	-	2	2	2
22	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	5	1	1	1	1	1	1	-	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1
25	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	3	1
27	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	1	2	1	1	1	1	1	1	****	1	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	1	3	2	1	1	1	0	1	1	1	1	1	2	1	-	1	2	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	2	2	2	2	2	2	2	1	****	-	2	****	1	2	4	2	0	0	1
2	0	0	0	0	0	2	5	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
3	2	1	1	0	1	1	2	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1
4	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1
5	0	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	0	1
7	0	0	0	0	0	1	2	1	0	1	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2
13	2	2	1	1	1	3	3	3	2	2	2	2	2	2	2	2	3	3	2	3	2	2	1	2	2
14	2	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	-	2
15	1	1	1	1	2	2	3	3	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	1	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	4	4	3	2	3	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	2	2	1	-	1	2	1	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	2
21	3	2	2	2	1	2	3	4	4	2	2	2	1	1	****	1	2	2	2	2	1	2	2	2	2
22	1	1	1	1	1	2	2	3	2	3	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2
23	1	1	1	2	2	3	3	3	3	2	2	2	1	2	2	2	2	2	2	3	5	7	4	2	2
24	1	1	2	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	****	1	1	1	1	2	2	3	2	1	1	5	1	1	2	2	1	1	2	1	1	2	1	1
28	1	1	1	1	1	1	3	2	2	2	2	1	1	1	2	1	1	1	2	2	3	4	2	2	2
29	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	2	3	2	1	1	1	1	2	2	1	2	2	2	2	2	2	1	1	0	1
31	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	1	2	2	2	2	2	1	2	2	1	1	2	2	1	1	1	1	1	1	1
3	1	1	1	0	1	1	2	2	3	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
4	1	0	0	0	0	1	1	1	1	0	1	1	****	1	1	1	1	1	1	1	1	2	2	1	1
5	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
6	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	2	2	2	2	2	2	2	2	1	2
7	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
8	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2
10	2	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2
11	1	1	1	1	1	1	2	2	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	0	1
12	0	1	2	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	-	0	****	2	1	1	2	3	2	2	2	2	2	1
14	2	2	2	2	2	2	2	2	****	****	1	1	1	1	2	2	2	2	2	3	4	3	4	3	2
15	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	3	3	2	2	****	1	1	1	****	2	2	2	2	2	2	2	2	2	2
17	1	1	1	2	2	2	4	4	3	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
20	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	4	2
21	4	3	3	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	2	2	3	4	3	2
22	5	5	4	5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2
23	1	1	1	1	1	2	3	2	2	1	1	1	2	1	7	1	1	1	1	1	1	2	3	2	2
24	2	1	1	2	2	4	6	5	3	2	2	1	1	2	2	2	-	1	1	1	2	1	2	2	2
25	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	0	1	****	2	2	2	1	1
26	1	1	1	1	1	1	2	2	1	1	1	1	0	0	7	1	1	1	0	1	0	0	1	3	1
27	2	2	1	0	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	0	1
28	0	0	0	0	0	1	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1
29	1	1	1	1	0	0	1	1	1	1	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1
30	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	0
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1.3

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1
2	0	0	1	0	0	1	1	1	1	8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
3	2	1	1	1	1	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	2
4	1	1	1	1	1	2	3	3	3	2	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2
5	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
6	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
7	2	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	2	2	1	1	1	1	2	3	5	2
10	3	2	3	3	3	4	5	4	3	2	2	1	1	1	1	1	1	1	1	1	1	3	4	2	2
11	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
12	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1
14	3	2	2	2	2	4	5	4	3	1	1	1	4	1	1	1	1	1	1	1	1	2	2	1	2
15	1	1	1	1	1	2	2	2	3	2	1	1	1	1	2	3	2	2	2	1	1	1	2	2	2
16	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	0	1
17	1	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	1	1	1	2	1	1	****	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	3	1
20	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	3	1	1	2
21	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1
22	1	1	0	1	1	2	3	2	2	****	2	2	2	1	1	1	1	1	1	2	2	4	2	1	2
23	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	1
24	2	2	1	1	1	3	5	3	3	3	2	2	1	1	2	2	1	1	1	1	1	1	2	2	2
25	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	1	2	2	2	3	2	2	2
26	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	1
27	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	0	1	2	2	2	2	2	2	1	1	1	-	-	1	1	1	1	-	-	-	1	1
29	1	1	1	1	1	1	2	2	2	2	****	1	1	1	1	1	1	1	2	1	2	3	3	3	2
30	2	3	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
31	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1
MEAN	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1.3

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	1	1	3	3	****	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1
2	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
6	0	0	0	0	0	1	1	2	1	****	****	1	1	2	2	2	2	****	2	2	2	2	4	3	1
7	2	1	1	1	1	1	2	2	1	2	2	2	1	1	1	2	2	-	3	2	1	1	1	2	2
8	2	2	1	1	2	1	2	3	****	2	2	3	2	3	3	2	2	2	1	1	1	2	2	2	2
9	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
10	2	2	2	2	****	****	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1
11	2	2	2	2	2	3	3	2	2	2	2	1	2	2	2	2	****	2	2	1	2	:	2	2	2
12	2	2	2	2	2	2	3	3	3	2	2	2	6	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
14	0	0	****	****	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	0	1	1	1	5	1	2	1	1	1	1	1	1	2	2	1
19	3	2	2	3	2	2	****	5	3	2	2	2	1	1	1	1	1	1	2	2	3	3	2	2	2
20	2	2	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	-	****	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
23	3	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2	2	2	3	2	2	2	2	2
24	2	2	2	2	2	2	2	1	1	2	2	1	2	1	1	1	1	1	2	2	3	6	7	7	2
25	7	7	5	4	4	6	10	7	4	4	2	2	2	1	5	2	2	1	1	1	1	1	1	1	3
26	1	1	1	1	1	1	2	-	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
27	1	1	1	1	1	2	2	3	2	2	2	1	1	1	1	2	2	2	2	3	3	2	1	1	2
28	1	1	0	1	1	1	2	2	1	1	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	2	2	1	1	1	2	1	-
31	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	0	0	0	1	1	2	2	1	2	3	1	3	2	2	2	2	2	1	2	2	2	1	1
3	1	1	1	1	1	1	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	2	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2	-	1	1	2	1	2
5	1	1	1	1	1	1	2	3	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2
7	2	2	2	2	2	1	2	2	1	1	1	2	2	2	2	1	1	1	2	2	3	3	2	2	2
8	2	2	2	2	2	3	6	5	5	3	3	2	2	2	1	1	1	0	1	0	0	1	0	0	2
9	1	1	0	0	0	2	2	2	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1
10	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
12	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	:	:
13	1	1	1	1	0	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	0	1	1	1	1
14	1	1	1	1	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	-	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2
16	2	2	2	2	3	3	2	3	3	2	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2
17	1	2	2	2	2	2	3	2	2	2	****	2	3	3	2	3	3	3	3	3	3	3	3	3	2
18	3	2	2	2	2	3	5	6	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3
19	3	2	2	2	2	3	4	4	3	2	3	3	2	2	3	3	3	3	3	2	3	2	2	2	3
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2
21	2	2	2	1	1	1	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	3	2	1	2
22	1	1	2	2	1	1	2	3	3	3	2	2	2	2	5	3	4	3	2	2	2	2	1	1	2
23	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
24	3	3	2	3	3	3	7	5	4	2	3	2	****	1	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	2	4	4	5	5	4	1	1	1	2	3	2	1	1	1	1	1	1	2	2
26	2	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	1	1	1	-	2	2	2	1	2	1	1	1	1	1	1	1	1	2	2	1	2	2	1
28	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
29	1	1	1	1	1	2	5	4	2	2	1	1	1	1	1	2	1	1	2	2	2	3	4	4	2
30	4	4	4	3	4	6	11	8	5	3	2	1	1	1	1	-	1	1	1	1	1	1	1	1	3
MEAN	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	1	1	1	1	1	2	2	1	****	5	****	****	1	-	1	****	1	0	1	1	0	0	1
3	1	****	1	0	0	1	2	1	0	0	0	****	0	1	2	3	1	1	1	0	0	1	0	0	1
4	0	0	0	****	****	0	****	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
7	0	0	0	0	0	2	5	5	3	3	6	2	2	1	1	1	1	0	1	1	2	2	1	1	2
8	1	1	1	1	1	1	1	1	1	-	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	3	4	3	1	2	2	1	1	2	2	1	2	2	2	2	2	2	2	2
10	2	2	2	2	2	3	7	2	1	1	2	1	1	****	1	1	1	1	1	1	2	3	2	1	2
11	2	2	2	2	2	1	2	1	2	2	2	2	2	1	1	1	2	1	1	1	1	1	2	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
14	1	1	1	1	1	2	3	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	1	3	3	2	2	6	1	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	0	0	0	0	2	3	3	3	2	2	1	1	1	2	2	2	1	1	1	1	1	1	0	1
17	0	0	0	0	0	1	2	2	2	1	1	1	2	2	2	3	1	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	1	1	2	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1
21	1	0	0	0	0	1	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
23	1	0	1	1	1	2	4	4	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	1	1	1	1	-	-	2	2	2	2	-	2	2	2	2	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	2	2	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2
28	2	2	1	1	1	1	2	3	2	2	****	1	1	1	2	2	3	3	2	2	2	2	1	2	2
29	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
30	2	1	-	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	1	1	1	1	1	1	2	2	-	1	1	1	1	1	2	2	3	4	2	2	2	2	1	2
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1	1	1	2	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	1
3	2	0	1	-	1	1	2	2	2	****	2	2	3	3	2	2	4	4	5	4	3	2	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	1	1	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2
6	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1
7	1	1	1	1	1	1	2	4	3	2	2	2	3	3	4	4	4	3	3	5	2	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	1	5	1	1	1	1	2	2	2	1	1	1	1	1	1	1
11	1	1	0	1	0	1	1	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	3	3	1	1	2	1	1	2	2	3	3	4	3	3	2	2	2	2
13	3	3	2	2	1	1	1	2	2	1	2	2	2	3	4	3	5	4	5	4	3	3	3	2	3
14	3	2	****	2	1	1	2	2	2	2	2	2	2	2	1	2	3	3	2	2	2	2	2	2	2
15	2	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	4	6	2
17	6	5	5	5	4	3	2	2	2	1	-	2	2	2	2	2	3	2	1	1	1	1	1	1	2
18	1	1	1	1	1	1	1	3	3	3	5	****	3	2	2	2	2	2	2	2	1	1	1	1	2
19	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	3	3	2	2	2	2	2	2	2
20	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1	2	3	2	2	2	2	2	2	2	2
21	1	2	1	1	1	1	1	2	2	2	2	2	2	2	1	2	3	2	2	2	2	2	2	2	2
22	2	2	1	1	1	2	1	1	1	1	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2
23	2	2	1	2	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2
24	2	1	1	1	1	1	2	4	4	5	5	4	3	3	3	7	5	4	3	2	2	2	2	2	3
25	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
26	2	2	2	1	2	1	2	3	3	3	3	2	2	2	2	2	3	4	3	3	3	3	4	4	3
27	-	3	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
28	1	1	1	1	1	1	1	2	3	2	2	3	3	2	3	3	5	5	3	3	2	2	2	2	2
29	2	2	2	2	2	1	1	2	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	4	3	2	2	2	3	2	2	5	6	3	3	3	2	2	2	2
2	2	1	1	1	2	2	2	3	3	3	4	2	2	3	3	2	2	2	2	2	2	2	1	1	2
3	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
4	2	1	1	1	1	1	2	4	4	5	3	3	3	3	3	3	4	4	3	3	2	-	2	2	3
5	2	2	2	2	1	1	2	4	5	4	2	2	2	2	3	3	5	3	4	5	5	6	6	5	3
6	-	5	3	3	2	2	2	3	3	3	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3
8	3	3	2	2	2	2	3	4	5	4	6	3	2	2	2	2	3	3	2	2	2	2	1	2	3
9	2	2	2	2	1	1	1	2	2	2	2	3	3	5	****	2	3	2	3	2	-	-	1	1	2
10	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	1	1	-	-	-	1	1
12	1	1	1	1	1	1	1	1	2	2	1	1	2	3	5	5	3	5	4	2	2	1	1	1	2
13	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	3	2	2	2	3	3	2	3	5	5	****	3	3	2	2	3	2
16	2	1	1	1	1	1	2	3	4	3	3	2	2	2	8	2	3	4	2	1	1	1	1	1	2
17	1	1	0	0	1	1	1	2	3	4	4	4	2	1	2	2	2	2	1	1	****	1	1	1	2
18	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	-	-	-	1
19	1	1	1	0	0	1	1	1	2	2	1	1	-	-	1	2	2	2	2	2	1	1	1	1	1
20	1	1	1	1	0	0	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	3	2	2	1	1	4	2	2	2	2	1	1	1	1	1	1	2
23	1	2	2	1	2	2	1	2	3	2	2	2	2	2	3	3	3	2	****	2	1	1	2	2	2
24	1	1	1	1	1	1	1	2	3	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	2	2	2	2	3	3	4	3	3	3	2	2	2	2	2	2	2	3	3	3	1	3	2
28	5	5	3	2	3	3	2	3	3	2	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2
29	1	1	1	1	1	1	3	5	5	3	4	5	5	4	4	6	5	3	3	3	2	1	1	1	3
30	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2
31	2	1	1	1	1	1	2	4	3	4	4	3	2	1	1	1	2	2	2	2	2	2	1	-	2
MEAN	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.6	3	6
FEB	29	1.5	2	7
MAR	30	1.2	3	8
APR	29	1.1	2	5
MAY	31	1.4	3	8
JUN	30	1.3	2	7
JUL	31	1.3	2	8
AUG	31	1.2	3	10
SEP	30	1.8	3	11
OCT	31	1.1	2	7
NOV	30	1.8	3	7
DEC	31	1.8	3	8
YEAR	364	1.4	3	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	344	372	20	0	0	0	736
FEB	365	309	9	0	0	0	683
MAR	537	177	10	0	0	0	724
APR	548	138	4	0	0	0	690
MAY	467	254	15	0	0	0	736
JUN	473	219	18	0	0	0	710
JUL	534	188	14	0	0	0	736
AUG	490	218	17	1	0	0	726
SEP	318	364	31	1	0	0	714
OCT	523	190	10	0	0	0	723
NOV	296	380	38	0	0	0	714
DEC	355	314	56	0	0	0	725
YEAR	5250	3123	242	2	0	0	8617

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.1	0	0.0	0.4	0.8	1.3	2.0	2.6	3.5	4.4	11	1.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	2	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	2	3	1	1	2	3	2	3	2	2	3	3	3	2	2	1	1	1	2
3	1	1	1	1	1	1	1	2	2	1	2	2	2	2	5	2	3	3	1	1	2	1	1	1	2
4	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	2	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
9	1	1	1	1	1	1	2	3	3	2	2	1	1	1	****	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	3	4	8	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	2	3	3	2	1	2	2	2	1	2	2	2	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	:	*
13	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
14	1	1	1	1	1	1	1	2	2	2	2	2	2	2	8	3	3	2	2	1	1	2	1	1	2
15	1	1	1	1	1	1	3	6	5	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
18	1	1	1	1	1	1	2	3	2	2	2	2	5	2	2	2	2	2	2	2	1	1	1	2	2
19	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	1	1	1	2	3	2	1	1	1	2	1	2	3	2	1	2	3	3	2	2	2
22	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
24	1	1	1	1	1	1	1	3	2	2	2	1	1	1	****	2	3	2	2	1	2	3	3	4	2
25	2	2	1	1	1	1	4	5	6	6	6	4	3	3	3	2	3	4	3	2	3	2	1	2	3
26	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	3	3	2	3	3	1	2	2	2
27	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	3	3	2	2	2	2	2	1	2
29	1	1	1	1	1	1	2	3	4	3	2	2	1	1	1	2	3	2	2	3	2	2	1	1	2
30	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	****	****	2	2	-	2	1	1	1	1
31	1	1	0	1	1	1	1	2	2	1	1	2	2	2	2	2	3	3	3	3	2	2	1	1	2
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	2	4	3	2	2	2	1	1	1	2	3	2	2	2	2	1	1	2	2
2	1	1	1	1	0	1	1	1	1	2	2	3	2	2	1	2	1	2	1	1	1	****	1	2	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	4	4	****	****	1	1	1	1	2	3	2	1	1	1	1	1	1	2
5	1	1	1	1	1	1	3	5	4	2	****	****	****	****	1	2	-	-	2	2	1	2	2	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	3	4	3	2	2	2	2	2	2	2	2	3	2	2	1	2	1	2	2
8	1	1	1	1	1	1	2	5	4	2	2	2	2	1	2	2	3	2	2	2	2	2	1	2	2
9	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	3	2	2	2	2	2	1	2	2	2
10	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1
11	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	3	2	2	1	2	2	1	2
12	1	1	1	1	1	1	2	4	6	3	2	1	1	2	1	1	2	2	1	2	1	2	1	2	2
13	1	1	1	1	1	1	2	3	3	3	2	1	1	1	****	****	2	2	2	1	1	1	1	2	2
14	1	1	1	1	1	1	2	4	3	3	2	2	1	1	1	1	2	3	2	3	2	3	3	4	2
15	3	2	2	1	1	1	2	3	3	2	1	1	2	1	****	****	1	1	****	1	1	1	****	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	1
17	1	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	2	1	1	1	2	1	1	1
19	1	1	1	1	1	1	2	2	2	2	2	2	2	****	1	2	3	2	2	2	3	2	2	1	2
20	1	1	1	1	1	1	1	2	2	1	1	1	1	3	3	3	5	4	4	4	3	3	3	3	2
21	2	1	1	1	1	1	2	5	5	3	2	2	1	2	2	1	1	1	1	1	1	1	1	1	2
22	0	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	4	3	3	2	2	1
23	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
24	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
25	1	2	1	1	1	1	3	4	3	1	1	****	****	2	1	2	2	1	2	2	1	1	1	1	2
26	1	1	1	1	1	1	2	4	3	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2
27	1	1	1	1	1	1	****	3	3	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2	2
28	1	1	1	1	1	1	2	4	3	2	2	1	2	2	2	2	2	3	2	2	1	2	1	2	2
29	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	2	3	3	2	2	1	1	2	1	2	2	2	2	2	2	2	1	2	1.6

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	1	1	1	2	3	4	4	3	3	2	2	2	2	2	****	2	2	2	1	2	1	1	2
4	1	1	1	1	1	1	3	4	3	2	2	2	2	2	2	2	3	3	4	4	5	3	5	2	2
5	1	1	1	1	2	1	1	2	2	1	1	1	1	3	7	6	3	2	1	1	1	1	1	1	2
6	1	1	1	1	1	1	2	3	2	2	1	1	2	1	1	1	2	2	2	2	2	2	1	3	2
7	2	2	1	1	2	2	4	5	4	4	3	2	2	2	1	2	2	2	3	2	2	2	2	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	2	2	2	1	1	2	1
9	1	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	1	1	1	2	2	2	2	2
10	1	1	1	1	1	1	2	4	3	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	2
11	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	3	3	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	5	7	4	2	****	2	2	1	2	2	2	2	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1	1	1
16	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	2	5	10	6	2	2	2	2	2	2	1	2	3	2	2	2	2	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	1	1	1	1	1
19	1	2	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1
20	3	1	1	1	1	1	3	3	2	1	1	1	1	****	1	1	2	2	1	2	1	1	1	1	1
21	1	0	0	0	0	0	0	1	1	1	1	1	1	1	3	2	2	1	1	1	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	1	1	1	0	0	0	0	1
23	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	0
25	1	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	2	1	1	1	1	1	0	0	1
26	0	0	0	0	0	0	1	2	3	1	1	1	0	1	0	****	2	3	3	2	1	0	0	0	1
27	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	1	1	1	2	2	1	0	0	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	4	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	3	4	3	-	1	1	1	1	1	1	2	3	2	3	2	2	2	2	2
2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
3	1	1	1	1	1	2	3	3	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
9	1	1	1	1	1	1	2	3	2	1	2	1	5	1	1	1	1	2	1	2	1	1	1	1	1
10	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	1
11	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	2	3	2	2	3	3	2	2	2	2
12	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
15	1	1	1	1	1	1	2	2	2	1	1	2	****	2	1	2	2	2	2	2	2	2	2	1	2
16	1	1	1	0	0	1	1	3	3	1	1	1	1	1	1	1	2	2	1	2	1	1	1	2	1
17	1	1	1	1	1	1	3	4	3	1	1	2	2	1	****	****	2	2	3	2	2	2	1	1	2
18	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	2	3	3	3	2	2	2	2
19	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
20	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	0	0	1	2	3	2	1	2	1	1	4	2	2	3	3	3	3	2	-	-	2	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	1	2	1
24	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2
25	1	1	1	1	1	1	3	4	4	2	2	2	2	2	2	3	3	2	3	4	4	4	3	3	2
26	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	3	3	2	2	2
27	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	0	0	0	0	0	1	0	1	1	1
30	1	1	0	0	0	1	1	1	2	1	1	1	1	1	1	2	1	2	2	-	3	3	3	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	1	2	5	4	2	1	1	1	1	1	2	-	2	****	2	3	3	1	1	1	2
2	1	0	0	0	0	2	3	1	1	0	0	1	1	1	1	1	2	1	2	2	2	2	3	2	1
3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0
5	0	0	0	0	0	1	3	3	2	1	1	1	1	4	1	2	2	1	2	2	1	1	1	1	1
6	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	2
7	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2
8	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	1	2
9	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	3	3	2	2	1
12	1	1	1	2	2	3	4	3	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2
13	1	1	1	1	1	2	2	2	3	2	2	2	2	5	1	1	2	1	1	1	1	1	1	1	2
14	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	-	2
15	1	1	1	1	1	2	3	3	1	2	1	1	****	****	****	2	2	2	3	3	2	3	3	2	2
16	1	1	1	1	1	3	4	4	2	2	2	2	2	1	1	2	2	1	2	3	3	4	6	6	2
17	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	****	****	1
18												-	DATA	INVALID	-										
19												-	DATA	INVALID	-										
20												-	DATA	INVALID	-										
21	****	****	****	****	****	****	****	****	****	****	****	****	****	4	1	1	1	1	0	1	1	1	1	1	******
22	0	0	0	0	0	0	1	2	1	0	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1
23	1	0	0	0	0	1	3	2	1	1	1	1	1	0	0	1	1	1	1	2	2	3	2	0	1
24	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	****	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	****	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	0	0	0	****	1	1	1	1	1	1	1	1	2	2	2	3	1
29	2	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1
30	0	0	0	0	0	0	1	1	1	1	1	1	****	5	2	2	2	2	2	2	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	2	1	2	1	1	1.2

PERCENTAGE OF DATA VALID - 86.8 PERCENTAGE OF DATA INVALID - 12.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	9	3	3	2	2	2	3	3	3	2	2
3	1	1	1	1	1	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
4	1	1	1	1	1	2	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2
5	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1
6	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	2	2	2	2	2	1
7	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
8	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	1
9	1	1	1	1	1	2	3	3	2	2	2	2	1	2	2	2	2	2	2	3	2	2	3	2	2
10	1	1	1	1	1	2	2	3	2	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2
12	3	3	3	3	2	4	5	4	2	2	2	2	2	2	1	1	1	2	1	2	2	2	2	1	2
13	2	2	1	1	2	3	3	3	2	2	2	1	1	1	1	1	1	2	2	2	3	2	2	2	2
14	2	2	3	2	2	3	2	2	****	****	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
15	2	2	2	2	1	2	1	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	****	1	1	1	****	1	2	2	2	2	2	1	1	1	1
17	1	1	1	1	1	2	5	4	2	2	1	5	2	2	1	2	1	2	1	2	2	2	2	2	2
18	2	2	1	1	1	2	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2	1	2
19	1	1	1	1	1	2	2	1	1	1	1	1	1	4	1	1	1	1	1	1	2	2	2	2	1
20	2	1	1	1	1	1	2	2	2	2	2	2	3	2	3	4	3	3	3	3	3	3	3	3	2
21	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	2
22	5	5	5	4	3	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2
23	1	1	1	1	1	2	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4	3	2
24	2	2	2	2	2	3	4	4	4	3	3	2	2	****	2	2	-	2	2	2	2	2	3	3	3
25	2	1	1	1	1	3	5	4	3	2	2	2	1	1	1	2	2	2	2	****	2	2	2	1	2
26	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	3	1
27	2	2	1	1	1	2	3	2	2	2	2	2	2	1	2	2	2	1	1	2	1	1	1	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	2	1	0
30	0	0	0	0	0	1	1	1	1	1	2	1	4	2	2	2	1	1	2	2	2	1	1	1	1
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
2	1	1	1	1	1	2	3	2	1	1	1	2	1	1	2	2	2	1	2	2	2	1	1	1	1
3	1	1	1	0	1	2	3	2	1	1	4	1	1	1	1	2	1	1	2	2	2	3	3	3	2
4	2	1	1	1	1	2	3	2	2	1	1	1	3	1	1	2	2	3	2	2	2	2	2	2	2
5	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	2	2	2	1	1
7	1	0	0	0	1	1	3	3	3	2	1	1	****	****	1	1	1	1	1	1	1	1	1	0	1
8	0	0	0	0	0	1	3	2	2	2	2	1	1	1	2	2	2	1	1	1	2	1	1	1	1
9	0	0	0	0	0	1	2	1	0	0	0	1	1	2	2	3	2	2	2	2	3	4	5	5	2
10	3	4	3	2	3	4	5	4	3	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3
11	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2
12	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	2	3	2	2	2	1
14	2	2	2	2	2	4	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
15	2	2	1	2	2	2	4	5	4	3	2	2	2	8	2	3	2	2	2	2	2	2	2	2	3
16	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2
17	1	1	1	2	1	2	2	2	2	2	2	2	1	2	3	3	2	2	3	2	2	2	3	1	2
18	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1
19	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
20	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	4	2	1	2
21	1	1	1	1	1	1	3	3	2	2	2	2	2	****	2	3	2	2	2	2	2	2	2	1	2
22	1	1	1	1	1	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2	3	2	1	1	2
23	1	1	1	1	1	2	3	2	2	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	3	4	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
25	2	1	1	1	1	2	3	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
26	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	1
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	****	-	-	2	2	2	2	-	-	-	2	1
29	2	1	1	1	1	2	4	3	2	1	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2
30	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	2	3	3	4	3	2	2
31	1	1	1	1	2	2	4	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	2	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	3	4	3	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2
2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
4	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	2	****	2	2	2	2	2	2	2	3	2	2	2	2	1	2
6	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	2	2	3	4	4	3	2	2
7	1	1	1	1	1	2	3	2	2	1	1	1	1	2	****	2	2	-	2	2	2	2	2	2	2
8	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	2	2
9	****	2	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1
11	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	1	
12	1	1	1	1	1	2	4	4	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2		2
13	1	1	1	1	1	3	5	4	2	2	2	2	****	1	1	1	1	****	4	2	2	2	2	2	2
14	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	3	2	2	2	2	1	2
15	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	3	2	2	3	2	1	1	2	1	2
16	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	2	2	1	2	2	2	2	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
19	1	1	1	1	2	3	****	6	3	2	2	1	2	3	3	3	3	4	2	2	2	2	1	2	2
20	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	-	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
23	2	2	2	1	1	1	2	1	1	1	1	1	2	1	1	2	2	2	2	3	2	2	2	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	4	6	5	2
25	5	3	2	2	3	5	8	10	5	5	2	3	2	2	2	1	1	2	2	3	3	2	3	2	3
26	2	1	1	1	1	2	3	-	3	2	2	2	****	2	2	2	2	2	2	2	2	1	2	2	2
27	2	1	1	1	1	2	4	3	2	3	2	2	1	2	2	2	3	3	4	3	3	2	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	1	1	2
MEAN	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2
2	1	1	1	1	1	2	3	4	3	3	4	4	3	3	2	2	2	2	3	3	2	2	2	2	2
3	1	1	1	1	1	2	4	4	3	3	2	2	2	5	1	2	1	2	3	2	2	2	3	3	2
4	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	-	2	2	2	1	2
5	1	1	1	1	1	3	3	2	2	2	2	2	1	1	2	2	1	1	2	2	2	2	3	3	2
6	2	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
8	1	1	1	1	1	3	4	5	3	2	2	1	1	1	1	1	1	1	2	2	1	1	2	2	2
9	1	1	1	1	2	3	4	3	2	2	2	2	2	****	2	2	2	1	1	1	1	1	1	1	2
10	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1
11	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
12	1	0	0	1	1	1	1	1	1	0	0	0	4	*	1	1	1	1	1	1	1	*	2	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	2	-	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	1	1
16	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	1	2	2	1
18	2	1	1	0	1	1	3	3	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1
19	1	1	1	1	1	2	5	4	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1
21	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1
22	0	0	1	1	1	1	3	3	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
23	1	0	0	1	1	1	2	2	1	1	1	1	1	1	****	2	2	3	3	2	2	2	2	1	1
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
25	1	1	1	1	1	2	5	5	4	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
26	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	3	2	2	2	2	1	1	2	2	2
27	2	2	1	1	1	-	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
29	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	4	3	2
30	4	3	3	3	3	5	11	10	5	4	3	2	2	2	2	-	3	2	2	2	2	2	2	2	3
MEAN	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	3	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	2
2	1	1	1	1	1	2	2	3	2	2	2	2	****	2	3	3	3	2	4	4	2	2	3	2	2
3	2	1	1	1	1	2	3	2	1	1	1	1	1	2	****	****	****	****	****	****	****	****	****	****	******
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	3	2	2	2	2	2	1	2	1	******
7	1	1	1	1	1	2	4	8	4	2	2	2	****	2	2	2	2	2	2	2	3	4	3	3	2
8	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	2	1	1	1	1	1	0	1
9	1	0	0	0	1	2	2	2	1	1	1	1	1	1	1	2	2	2	4	2	1	1	2	2	1
10	1	1	1	1	2	2	6	9	1	1	1	0	****	1	1	1	1	1	1	1	2	2	2	2	2
11	1	2	2	1	2	2	2	3	3	3	3	2	3	2	2	2	3	2	2	2	2	2	2	2	2
12	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	2
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	:	:	:
14	1	1	1	1	1	4	7	5	2	2	2	2	2	2	3	3	4	4	4	4	3	2	1	1	3
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
16	9	9	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	1	1	1	1	******
17	1	1	1	1	1	1	2	2	2	2	2	2	1	2	3	3	3	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	1
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	******
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	2	1	1	2	2	2	3	4	3	3	3	2	2	2	1	1	2
23	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	2	2	2	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	-	1	-	1	1	3	-	2	2	2	2	1	2	1
28	1	1	1	1	1	1	2	3	3	2	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1
29	1	1	0	0	0	0	1	2	3	1	1	1	1	1	1	2	3	3	4	3	2	2	1	1	1
30	1	1	-	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
31	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1
MEAN	2	1	1	1	1	1	2	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1.6

PERCENTAGE OF DATA VALID - 82.9 PERCENTAGE OF DATA INVALID - 16.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	5	4	3	2	2
3	2	1	1	-	1	1	1	2	1	1	1	1	1	-	1	1	1	2	2	3	2	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	3	2	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	-	3	3	1	2	2	1	1	2	1
7	2	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	4	3	4	3	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	3	2	1	1	1	1	1	1	1
11	1	0	0	0	0	0	1	2	2	1	1	1	2	1	1	2	3	3	2	2	1	1	1	1	1
12	0	0	0	0	0	0	1	3	3	1	1	1	1	1	1	2	4	5	4	4	3	3	2	2	2
13	2	2	2	1	1	1	2	3	2	2	2	3	2	3	3	3	2	4	4	5	6	5	5	4	3
14	3	3	****	2	2	1	2	3	3	2	3	2	2	2	3	3	4	3	2	1	1	1	1	1	2
15	1	1	2	2	1	1	2	2	3	3	2	2	2	2	2	3	4	3	2	2	2	2	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	4	6	7	2
17	6	7	6	4	3	2	2	4	5	2	-	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	0	1	2	2	1	1	1	2	2	5	3	3	2	2	2	2	1	1	1	2
19	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
20	2	1	1	2	1	1	3	5	4	3	2	2	2	2	2	2	3	2	2	2	2	1	1	2	2
21	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2
22	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	1	1	1	2	3	4	3	2	3	3	3	3	3	4	4	3	3	2	2	1	1	2
25	1	1	1	1	1	1	2	2	0	0	1	1	1	1	2	2	3	2	2	2	2	2	2	2	1
26	2	1	1	1	1	1	3	5	4	4	3	1	1	1	2	2	4	5	6	7	6	6	5	3	3
27	-	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	4	3	3	2	2	2	2	2
29	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	7	2	3	3	2	2	2	2	1	1	2
2	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
3	0	0	0	0	0	0	1	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4	****	****	****	****	****	****	****	****	****	****	1	1	2	1	2	3	5	5	2	2	2	-	2	2	******
5	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	4	5	5	4	4	3	2
6	3	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	5	5	6	6	8	2
8	7	4	4	3	2	2	2	4	7	5	5	3	2	2	2	8	3	2	2	2	1	1	1	1	3
9	1	1	1	0	0	1	2	3	4	2	1	1	1	1	1	1	1	1	3	3	-	-	2	2	2
10	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1
11	0	0	0	0	0	0	2	5	3	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1	1
12	0	0	0	0	0	0	2	7	3	1	1	1	1	1	2	3	8	6	4	2	2	1	1	1	2
13	1	1	1	0	0	0	0	0	1	1	2	2	1	2	2	1	1	1	1	2	2	1	0	0	1
14	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0
15	0	0	0	0	0	0	1	3	3	2	1	2	2	5	2	3	3	3	****	2	2	2	2	2	2
16	1	1	1	1	1	1	2	3	3	3	3	3	3	2	3	3	4	3	3	3	2	1	1	2	2
17	1	1	1	1	0	0	1	4	5	3	2	3	3	2	2	2	2	2	2	2	****	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	-	-	-	2
19	1	1	1	1	1	1	1	3	2	2	1	1	-	-	1	2	2	2	2	2	2	1	1	1	1
20	1	1	1	1	0	0	1	2	3	3	3	2	2	2	2	2	2	2	2	3	2	1	1	1	2
21	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
22	1	1	1	1	1	1	3	4	4	4	3	2	2	3	2	2	3	2	2	2	2	2	1	2	2
23	2	2	1	1	1	2	2	3	3	3	2	2	2	1	2	2	2	3	****	3	2	2	2	2	2
24	2	1	1	1	1	1	2	3	3	3	2	3	3	3	3	2	2	2	1	1	1	1	0	0	2
25	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	2	4	5	6	3	3	2	2
26	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1	3	1
27	2	2	3	2	2	3	7	4	3	2	1	2	2	2	2	1	2	1	1	1	1	1	2	2	2
28	2	3	3	2	2	1	1	2	3	2	2	1	2	2	2	2	2	2	3	2	2	2	2	2	2
29	1	1	2	2	2	2	1	4	6	3	3	****	2	3	3	3	3	2	2	2	1	1	1	1	2
30	1	1	1	0	0	0	1	1	1	1	1	2	1	1	2	2	3	2	1	2	1	1	1	1	1
31	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
MEAN	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.5	3	8
FEB	29	1.6	2	6
MAR	31	1.2	2	10
APR	30	1.4	2	5
MAY	27	1.2	2	6
JUN	30	1.7	3	9
JUL	31	1.7	3	8
AUG	31	1.6	3	10
SEP	30	1.5	3	11
OCT	24	1.6	3	9
NOV	30	1.7	3	7
DEC	29	1.6	3	8
YEAR	353	1.5	3	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	490	228	19	0	0	0	737
FEB	382	271	23	0	0	0	676
MAR	512	206	20	1	0	0	739
APR	473	225	11	0	0	0	709
MAY	433	199	14	0	0	0	646
JUN	311	378	23	1	0	0	713
JUL	331	383	20	0	0	0	734
AUG	397	311	21	1	0	0	730
SEP	416	275	20	2	0	0	713
OCT	328	269	17	3	0	0	617
NOV	396	272	45	0	0	0	713
DEC	381	278	42	0	0	0	701
YEAR	4850	3295	275	8	0	0	8428

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
95.9	0	0.1	0.5	0.9	1.4	2.1	2.8	3.7	4.5	11	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	5	4	3	3	2	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	2
2	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1
4	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	3	1
6	2	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	****	2	2	2	2	2	2	1
10	2	2	1	1	1	1	2	2	3	4	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
13	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1
15	1	1	1	1	1	1	2	3	5	4	1	1	1	1	1	1	2	2	2	2	1	1	1	****	2
16													- DATA INVALID -												
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	2	2	2	2	******
18	2	2	2	2	2	2	2	3	3	3	2	2	3	3	2	3	2	3	4	3	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	3	2	2	3	2	2	****	0	0	0	0	0	1	1	1	1	1
22	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
23	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0
24	0	0	0	0	0	0	0	1	1	1	1	1	1	0	****	1	1	1	1	1	2	2	2	2	1
25	2	2	2	2	2	2	2	3	3	3	4	3	2	2	1	1	2	2	2	2	2	2	2	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	1	1
27	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	2	1
28	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1
29	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1
30	2	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	****	****	****	****	****	****	****	****	****	****	******
2													- DATA INVALID -												
3													- DATA INVALID -												
4	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	******
5	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
6	2	1	1	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2
12	1	1	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1
13	2	1	2	1	1	1	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1
15	3	3	3	2	2	2	2	3	3	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3	3	3	3	3	2	1	2
20	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	4	3	3	2	2	2	2	2	2
21	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0
23	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
25	1	1	0	0	0	0	0	0	1	1	1	0	0	0	****	****	1	1	0	0	1	0	0	0	0
26	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0
27	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0
28	1	1	0	0	1	1	1	1	1	1	1	1	1	0	****	1	1	1	1	1	1	1	1	1	1
29	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 89.1 PERCENTAGE OF DATA INVALID - 10.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1
5	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0
7	1	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1	1
8	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1
9	1	1	1	0	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.	.	.	.	.	0	0	.	0	.
14	1	1	0	0	1	1	2	2	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1
15	1	1	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	2	1
16	2	2	2	2	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	5	3	1	1	1	1	1	1	3	3	2	1	1	1	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0
19	1	1	1	1	1	1	2	1	1	1	****	1	1	1	1	1	1	1	1	2	2	2	2	2	1
20	3	3	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
21	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
22	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	2	2	2	2	2	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2
27	2	2	1	1	1	1	2	3	3	3	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	3	2	3	3	2	1	1	2
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	1	1	1	4	3	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
3	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
6	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
8	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1
12	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	2	2	2	1	1	2	2	2	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1
18	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	2	2	2	1
19	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2
20	2	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
22	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	2	1	2	2	2	1
26	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
27	3	3	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
28	0	0	0	0	0	1	1	1	0	0	0	0	0	****	0	1	1	1	1	1	1	1	1	0	0
29	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	2	2	3	4	4	.
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	0	0	0	1	1	0	****	0	0	1	1	2	3	2	2	2	4	4	2	1	2
2	2	2	1	1	1	2	2	1	1	1	1	2	2	1	1	2	1	1	2	2	2	2	3	3	2
3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
4	3	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	2	1	1	2	2	1	1	2
5	1	1	1	1	1	2	4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	2	1	2	2	1	1	1	1	1	2	1	1	1	1	2	2	1	1	2	2	1
9	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
12	2	2	2	2	2	1	3	2	1	1	1	1	0	1	1	1	1	1	1	1	2	3	2	2	2
13	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	2	2	1	1	1	2	2	2	1	2	2	1	1	1	1	1	2	2	2	3	3	3	3	2
17	4	4	4	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1
19	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	3	3	4	******
23	3	3	3	3	2	2	3	4	4	4	3	3	3	2	2	2	2	2	2	3	4	5	6	5	3
24	4	4	3	3	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	1	1	1	0	0	0	0	****	1	0	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	3	3	3	******
29	3	3	3	2	0	1	1	1	1	1	0	****	****	****	1	2	2	2	2	2	2	2	2	2	2
30	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 83.3 PERCENTAGE OF DATA INVALID - 16.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2
2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	***	2	2	1	0	0	1	2	2	2	1
3	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4	- DATA INVALID -																								
5	- DATA INVALID -																								
6	- DATA INVALID -																								
7	- DATA INVALID -																								
8	- DATA INVALID -																								
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	0	1	1	2	2	******
10	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
12	3	3	3	3	3	3	3	2	2	1	1	1	****	****	****	1	1	1	2	2	2	2	2	2	2
13	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	2
14	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	4	4	4	3
15	4	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	2	1	1	1	1	1	1	1	***	1	1	1	1	1	2	2	2	2	1
17	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
18	2	2	2	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	2	2	2	2	2
19	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
20	2	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	2	2	3	1
21	4	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
22	3	3	3	4	4	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
23	1	1	1	1	1	2	2	3	3	3	3	****	2	2	2	2	2	2	2	2	2	2	3	4	2
24	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	5	3
25	4	4	3	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
26	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	****	****	****	1
30	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	******
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 75.0 PERCENTAGE OF DATA INVALID - 25.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	2	****	****	1	2	2	2	2	2	2	2	3	5	4	4	4	2
4	3	3	3	3	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	4	4	2
5	3	4	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	1	1	2	2	2	2	1
7	2	2	2	2	1	2	3	3	3	****	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2
8	1	1	1	1	1	2	2	3	2	2	3	2	1	2	2	2	2	2	1	2	2	2	2	2	2
9	2	2	2	2	2	2	3	3	1	2	2	2	2	2	3	3	3	3	3	2	2	4	4	4	3
10	4	4	4	4	3	3	4	3	3	****	2	2	2	2	2	2	2	2	2	2	2	2	4	2	3
11	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	3	3	1
14	2	2	2	2	2	2	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2
15	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2
17	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	0	0	1	2	2	****	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
19	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
20	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3
21	2	2	2	2	2	2	3	3	3	3	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	1	1	2	2	2	3	4	3	2	2	3	2	2	3	3	3	3	2	3	3	2	2	2
23	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	2
24	4	3	3	3	3	3	4	4	4	3	****	1	2	1	1	1	1	1	1	2	2	2	2	3	2
25	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	2	1	2
26	1	1	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
27	2	2	2	2	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	1	2	2	1	2
28	1	1	1	1	1	1	2	2	2	2	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	2	3	3	2
30	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
31	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	3	****	****	2	2	2	1	1	1	1	2	2	2	2	3	3	2
2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	2	2	2	2	2	2	2	2	1	1
6	1	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	4	4	2	2
7	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	3	2	2	2	3	3	3	2	****	2	2	2	2	2	2	2	1	1	1	2	2	2	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	1	1	1	1	1	2	2	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	1	1	2	2	1	1	2	3	1
14	2	2	1	1	1	1	2	2	1	1	2	2	1	2	1	2	1	1	1	1	2	3	2	2	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
16	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
17	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2
19	2	2	2	2	2	2	2	3	2	2	1	1	1	****	1	1	2	2	2	3	4	3	3	3	2
20	3	2	2	2	2	2	3	2	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	2	2	2	2	2	2	2	3	3	2
23	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	1
24	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	3	4	3	3	4	4	2
25	4	4	4	4	4	4	5	4	4	3	2	2	2	****	1	1	1	1	1	2	2	2	2	2	3
26	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	2	2	2	3	3	2	1	1	2
28	1	1	1	1	1	1	2	1	1	1	1	1	1	****	1	2	2	2	2	2	2	2	2	1	1
29	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	2	2	3
31	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
MEAN	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
2	1	1	1	1	1	1	2	3	3	2	2	3	2	****	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	4	3	3	2
4	4	3	3	3	3	3	4	3	1	1	1	1	1	****	1	2	2	2	2	3	4	4	3	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	3	2	2
6	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
7	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
8	2	2	2	2	2	1	2	3	4	2	2	1	1	****	1	1	1	1	2	2	3	3	3	3	2
9	3	3	3	3	3	3	4	5	4	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	1	1	1	1	1	****	1	1	1	1	2	2	2	2	2	1
12	2	2	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	2	2	2	2	3	3	2
16	3	3	2	3	3	3	2	2	2	1	1	1	1	1	6	1	1	1	1	2	1	1	1	1	2
17	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1
18	2	2	1	1	1	2	3	4	3	2	2	2	2	2	****	2	2	2	2	2	3	3	3	2	2
19	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3
22	3	3	3	3	3	3	4	4	1	2	2	1	1	1	1	2	3	3	3	1	2	2	2	2	2
23	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
24	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2
25	2	2	2	2	2	2	2	4	5	4	2	2	2	2	****	2	3	3	2	2	2	2	2	3	2
26	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	3	2	2	1	1	1	****	****	1	2	2	2	2	3	3	3	3	2
30	3	3	3	3	3	3	4	7	7	3	2	2	2	2	2	2	1	2	2	2	2	2	2	1	3
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	3	2	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1
2	1	1	1	0	0	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
3	2	2	2	2	1	2	3	2	2	1	1	****	1	1	2	3	3	3	2	2	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1
5	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	2	2	2	2	1	1	1	2	1
7	1	1	1	1	1	1	3	5	6	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
8	3	3	3	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
9	1	1	1	1	1	1	2	4	3	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1
10	2	2	2	2	2	2	3	5	3	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	2
11	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	3	4	5	4	3	2	2	2	2	2	2	2	2	3	2	2	3	3	3	2
15	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	5	4	3	2	2	3
16	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	3	4	3	2	****	****	2	2	2	2	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	2	2	1	2	2	1	2	2	1
21	1	1	1	1	1	2	2	3	3	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	3	2	1	1	1	1	****	1	1	1	1	2	2	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
27	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	2	2	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1
29	1	1	1	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	2
31	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	2	2	2	2	2	2	1	2	1.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2
2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	2	3	3	3	4	4	2
3	4	4	4	3	2	2	2	2	2	1	1	1	2	1	2	2	2	3	4	4	3	2	2	2	2
4	2	2	1	1	1	1	1	2	2	2	1	****	1	1	1	2	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1
6	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
7	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	****	3	3	3	4	2	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	1
13	2	2	2	2	2	1	1	2	2	2	2	2	2	2	****	****	4	4	3	3	4	5	5	4	3
14	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	5	2
17	5	5	6	6	6	5	4	3	4	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	3
18	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1	1
20	1	1	1	1	1	1	1	2	2	2	2	2	1	1	****	****	2	2	2	1	2	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1
24	2	2	2	2	2	2	2	2	3	4	4	4	2	2	2	1	2	2	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	1	1	1	1	2	3	3	2	1	1	1	1	1	2	4	4	4	5	6	7	7	3
27	5	5	5	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	2
28	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
29	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
MEAN	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	3	2	2	1	1	****	****	1	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	3	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	2	2	4	4	4	5	5	6	2
6	6	6	6	5	5	4	4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	2	3
7	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	4	4	2
8	4	5	5	4	3	2	2	2	3	5	9	3	1	1	1	2	1	1	1	1	1	1	1	1	3
9	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	4	5	5	3	2	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	2	1	1	2	2	****	3	3	4	3	2	2	2	2	2	2
16	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	3	3	3	****	****	****	1	1	2	1	1	1	0	0	0	1
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	2	0	1	0	0	0	0	0	0	1	1	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	1	2	2	1	1	1	****	1	1	1	0	0	0	0	0	0	1
23	0	1	1	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
28	2	3	3	3	4	4	3	3	3	2	2	1	0	0	0	0	0	1	1	1	1	0	0	0	2
29	0	0	0	0	0	0	0	1	1	2	2	2	2	1	****	2	1	2	1	0	0	0	0	0	1
30	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
31	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	1.3	2	5
FEB	25	1.0	2	4
MAR	31	1.0	2	5
APR	30	1.1	2	4
MAY	25	1.4	3	6
JUN	22	1.7	3	5
JUL	31	1.8	3	5
AUG	31	1.6	3	5
SEP	30	1.9	3	7
OCT	31	1.5	3	6
NOV	30	1.4	3	7
DEC	31	1.1	3	9
YEAR	346	1.4	3	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	472	218	10	0	0	0	700
FEB	510	108	2	0	0	0	620
MAR	664	76	1	0	0	0	741
APR	607	103	3	0	0	0	713
MAY	394	209	17	0	0	0	620
JUN	249	270	21	0	0	0	540
JUL	251	457	28	0	0	0	736
AUG	378	340	15	0	0	0	733
SEP	232	454	26	0	0	0	712
OCT	402	322	11	0	0	0	735
NOV	501	176	37	0	0	0	714
DEC	564	143	27	1	0	0	735
YEAR	5224	2876	198	1	0	0	8299

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94.5	0	0.0	0.4	0.8	1.3	2.0	2.6	3.2	3.8	9	1.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	2	2	2	2	2	3	3	2	3	3	4	3	3	2	2	3	3	3	3
2	3	2	2	2	2	2	3	4	4	3	3	****	1	1	1	1	1	2	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
4	2	2	2	2	1	2	2	2	5	4	4	3	3	3	3	4	4	4	3	3	3	2	2	2	3
5	2	2	2	2	****	2	2	2	2	2	3	2	2	2	2	3	3	4	4	5	5	4	4	4	3
6	4	4	4	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4
7	3	3	3	3	3	3	4	5	4	3	3	3	3	3	****	6	2	2	1	1	1	1	2	2	3
8	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
9	2	2	2	2	2	2	2	4	3	3	3	2	2	2	2	2	3	4	3	3	3	3	3	3	3
10	3	3	2	2	2	3	3	5	7	6	5	4	4	4	****	3	3	3	2	2	2	2	2	2	3
11	2	2	1	1	1	1	3	4	4	3	2	2	3	3	3	3	4	3	2	2	2	1	1	1	2
12	1	1	1	1	1	1	1	1	1	2	1	1	2	1	2	2	2	2	2	2	2	2	3	3	2
13	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
14	2	2	2	2	2	2	4	5	5	5	4	3	3	3	****	1	2	2	2	2	2	2	1	2	3
15	2	2	1	1	1	1	2	3	4	3	3	3	2	3	3	4	5	6	5	4	2	2	2	2	3
16	2	2	2	2	1	2	3	5	5	4	3	3	3	3	3	4	4	****	3	3	2	2	2	3	3
17	2	2	2	2	2	2	4	6	8	8	7	6	5	5	5	6	8	7	6	5	3	3	3	3	5
18	3	3	3	3	3	3	4	6	6	5	****	7	3	3	2	2	2	2	2	1	1	2	2	2	3
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1	2	2	1	1	1
21	1	1	1	1	1	1	1	2	2	2	2	****	1	2	1	2	2	3	2	2	3	3	3	2	2
22	2	2	2	2	2	2	3	4	5	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	3
23	2	2	2	1	2	2	2	2	2	2	2	2	2	2	****	1	2	2	2	2	1	2	1	1	2
24	1	1	1	2	2	2	2	3	3	2	2	****	2	2	2	2	2	3	2	3	3	4	3	3	2
25	3	2	2	3	3	3	3	5	8	4	4	4	3	3	3	3	3	4	3	3	3	3	3	2	3
26	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
27	3	3	2	2	2	2	2	2	2	3	3	3	2	2	3	4	4	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	****	2	2	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	****	2	2	-	1	1	1	1	1
31	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
2	2	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	****	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	3	****	****	3	3	3	3	****	2	2	2	2	2	2	2	1	2
5	2	2	2	2	1	2	3	4	4	2	2	****	2	2	2	****	-	-	3	2	2	2	2	2	2
6	2	2	2	2	2	2	2	4	5	4	3	3	3	3	3	****	4	4	3	3	3	2	3	2	3
7	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2	3	3	3	3	2	3	2	2	2
9	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
10	3	3	3	3	2	2	3	3	3	2	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	4	5	5	5	4	4	4	4	4	****	3	4	3	2	2	2	1	5	3
12	1	1	1	1	1	1	2	3	4	3	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2
13	2	2	2	2	2	2	2	4	4	3	3	3	3	2	2	****	3	3	3	2	2	2	2	2	2
14	2	2	2	2	2	2	3	4	4	3	2	2	2	****	****	1	1	2	2	2	2	3	3	3	2
15	2	2	2	2	2	2	3	5	4	5	4	4	5	3	3	****	****	****	****	****	3	3	****	2	3
16	2	2	2	2	2	2	2	2	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
18	2	2	2	2	2	2	3	5	5	4	3	****	2	2	2	2	4	4	2	2	1	1	1	1	2
19	1	1	1	1	1	1	1	3	4	3	3	2	3	4	4	4	5	4	4	5	5	4	4	4	3
20	3	2	2	2	2	2	3	6	8	7	5	5	4	4	4	6	8	7	6	5	4	3	3	3	4
21	3	2	2	2	2	2	2	3	3	3	3	****	2	2	2	2	2	4	3	2	2	1	1	1	2
22	1	1	1	2	2	1	2	3	3	2	2	2	2	3	3	4	4	5	4	3	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	4	4	4	4	4	4	3
24	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
25	2	2	2	2	2	2	3	4	3	3	10	4	1	1	1	****	1	2	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
27	1	1	1	1	2	2	****	4	4	3	2	2	2	1	1	****	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2
29	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	
3	3	4	3	3	3	3	5	7	6	4	4	4	4	4	4	4	****	4	4	4	4	4	4	3	
4	3	3	3	3	3	3	5	5	6	5	4	5	4	4	4	4	4	5	6	5	5	6	6	5	
5	4	4	4	4	4	4	7	9	10	8	7	****	3	3	5	3	2	1	1	1	1	1	1	1	
6	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	
7	2	2	2	1	2	2	2	4	4	2	2	****	2	2	2	3	4	4	3	4	4	4	3	2	
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	
10	2	2	2	2	3	3	4	6	5	5	4	4	4	4	****	****	5	5	4	3	1	1	1	1	
11	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	2	2	1	1	1	1	1	2	
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
13	3	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	
14	3	2	2	2	3	3	4	5	5	3	****	1	1	1	1	1	1	2	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1	2	2	2	1	1	1	1	2	
16	2	2	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	
17	2	2	2	2	2	2	5	10	7	4	4	3	3	4	4	5	7	6	4	4	3	2	2	4	
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	****	2	1	2	2	3	2	2	
19	2	2	2	3	2	2	4	5	4	3	3	3	2	2	3	3	4	4	3	3	4	3	4	4	
20	4	2	2	2	2	2	4	7	5	4	4	3	3	3	3	3	4	4	5	5	4	3	3	3	
21	3	2	2	2	2	2	3	4	5	4	4	4	4	3	2	2	2	2	2	2	1	1	1	1	
22	1	1	1	1	1	1	1	1	****	****	3	3	3	3	2	2	2	2	2	2	2	2	2	2	
23	2	2	2	2	2	2	2	2	2	2	3	2	3	3	4	4	3	4	4	4	4	4	4	4	
24	3	3	3	3	3	3	4	5	5	5	4	****	2	2	3	3	4	4	3	2	2	2	2	1	
25	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	
26	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	
27	2	2	2	2	2	2	4	5	5	5	4	****	1	2	2	2	3	3	2	2	2	2	1	1	
28	1	1	1	1	1	1	1	2	3	2	1	2	1	3	3	3	4	5	4	3	2	2	1	1	
29	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	1	1	1	
30	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	
31	2	2	2	2	2	2	2	3	3	3	3	****	2	3	3	2	3	3	3	3	3	3	3	2	
MEAN	2	2	2	2	2	2	3	4	4	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2.5

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	2	2	2	2	3	4	-	3	3	3	3	3	3	4	4	4	4	3	3	3	3	
2	3	3	3	3	3	3	3	3	3	2	2	****	4	1	1	1	1	2	1	1	1	1	1	1	
3	1	1	1	1	1	2	2	3	4	3	2	2	-	2	3	3	4	4	3	3	2	2	2	2	
4	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2	2	
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	
6	3	3	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3.	3	3	3	3	3	3	3	
7	3	2	2	3	3	3	4	5	6	5	4	4	4	4	4	5	6	6	5	5	4	4	4	4	
8	3	3	3	4	3	4	5	7	7	5	5	5	4	4	4	5	5	6	5	4	4	4	5	-	
9	4	4	4	4	4	4	6	8	10	7	6	5	5	5	5	5	6	7	7	7	6	6	5	5	
10	4	4	4	4	4	4	5	7	7	6	5	5	5	5	5	6	6	6	5	5	5	5	5	4	5
11	4	4	4	4	4	4	5	5	5	5	5	5	5	4	2	2	2	2	2	2	2	2	2	2	
12	3	3	3	2	2	2	2	2	3	3	4	4	4	3	3	4	3	2	2	2	2	2	2	2	
13	2	2	2	2	1	1	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	2	2	2	2	2	2	3	3	4	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	
15	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	5	5	4	4	3	3	2	2	
16	2	2	2	2	2	2	2	2	3	2	2	3	2	3	****	****	1	1	1	1	1	1	1	1	
17	2	1	1	1	1	2	2	3	3	5	2	3	2	2	3	2	2	2	2	2	3	2	2	2	
18	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	4	3	2	2	2	2	2	3	3	
19	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4	4	5	5	5	5	5	4	4	
20	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
21	3	3	3	3	3	3	3	3	3	3	****	****	1	1	1	1	1	1	1	1	1	-	-	2	2
22	2	2	1	2	2	2	3	4	3	4	3	2	2	2	3	3	3	3	3	2	2	2	-	2	3
23	2	2	2	2	2	2	3	4	4	3	3	4	3	3	4	4	3	2	2	2	2	2	2	2	3
24	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	4	4	5	4	4	4	3	3	3	3
25	3	3	3	3	3	3	3	4	4	3	3	3	****	****	2	4	4	4	2	2	2	2	2	2	3
26	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	3	3	3	4	3	3	2	3
27	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3
28	2	3	3	3	3	3	4	5	4	4	****	5	2	2	2	3	2	2	2	1	1	1	1	1	3
29	1	1	1	1	1	2	4	5	4	3	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3
30	3	2	2	2	2	2	2	2	3	2	4	4	3	****	7	5	4	4	3	-	3	3	3	2	3
MEAN	3	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	3	2	1	1	1	1	1	3	-	4	****	3	4	2	2	1	2	2
2	1	1	1	1	1	3	4	2	2	2	2	2	4	4	3	3	2	2	3	3	3	3	3	3	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	2	2
5	2	2	2	2	2	3	3	3	3	6	****	3	1	1	1	1	2	2	2	1	1	2	1	1	2
6	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	3	3	2	2	2
7	2	2	2	2	2	4	5	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
8	2	2	2	2	2	3	3	3	2	2	3	****	6	1	2	2	2	1	2	2	1	2	2	1	2
9	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3
11	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	4	3
12	3	3	3	3	4	4	7	6	4	4	****	2	2	2	2	5	5	4	3	2	3	2	2	2	3
13	2	2	2	2	2	4	6	6	5	3	3	3	3	3	2	3	2	2	2	2	2	3	3	3	3
14	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2
15	2	2	2	2	2	3	3	3	2	2	2	2	3	****	1	2	2	2	2	2	2	2	3	2	2
16	2	2	2	2	2	3	5	4	3	2	2	2	4	3	3	4	5	4	4	4	5	5	6	4	3
17	4	3	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	2	3	3	3	3	4	4	4	4	3	-	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3
20	3	3	3	3	3	4	6	6	5	4	****	2	2	2	3	3	4	3	3	3	3	4	4	4	3
21	3	2	2	2	2	2	3	3	3	2	2	2	3	4	4	5	4	4	4	4	5	4	4	3	3
22	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3
23	3	3	3	3	3	4	6	6	5	4	****	4	4	5	5	6	6	6	6	5	6	7	4	3	5
24	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	4	4	4	6	****	0	1	1	0	1	1	1	1	1	1	1	1	1	2
27	1	****	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	2	2	2	2	2	****	3	5	4	4	3	3	3	3	4	4	2
29	4	4	3	2	2	3	5	4	3	2	3	2	3	3	****	****	****	****	****	****	****	****	****	****	******
30	****	****	****	****	****	****	****	8	5	4	3	3	3	3	4	5	5	4	3	3	2	2	2	1	4
31	1	1	0	0	1	1	2	2	3	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	1
MEAN	2	2	2	2	2	3	3	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	2	2.6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	****	1	2	3	3	3	2	2	2	2	1	1	1
2	0	****	0	0	1	3	5	6	7	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3	- DATA INVALID -																								
4	****	****	****	****	****	****	****	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	1	1	1	3	3	1	1	1	2	3	3	4	4	4	3	3	3	4	3	2	2
6	2	1	1	1	1	3	5	6	6	5	4	5	4	5	6	6	5	3	2	1	1	1	0	0	3
7	0	0	0	0	0	0	1	1	1	3	3	3	2	2	2	3	3	3	3	3	2	2	2	3	2
8	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	0
9	- DATA INVALID -																								
10	****	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	0	0	0	1	2	****	1	1	1	0	0	0	1	2	2	1	1
12	4	4	2	1	1	2	4	5	4	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3
13	2	2	1	1	1	3	4	5	4	3	3	2	3	2	3	3	4	3	2	3	3	4	3	3	3
14	4	3	2	1	1	2	3	3	3	3	3	3	2	2	2	1	1	2	2	2	2	1	1	1	2
15	2	1	1	2	2	1	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	1	1	1	0	****	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17	0	0	0	0	1	1	2	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	1	1	1
18	1	0	0	0	1	3	3	3	3	2	2	1	****	****	****	2	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	3	4	4	3	2	2	2	2	2	3	3	4	4	3	2	1	1	2	2	2
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	4	3	2
21	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	3	4	1
22	5	6	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3
23	3	3	2	2	2	4	5	5	3	3	3	3	2	****	3	3	3	3	2	3	3	3	2	2	3
24	2	1	1	1	1	3	5	4	3	2	2	1	3	3	3	3	4	3	3	3	3	3	3	2	3
25	2	1	1	1	1	2	2	2	2	3	4	3	3	3	****	4	4	3	3	2	2	2	2	2	2
26	1	1	1	1	1	2	2	3	3	2	2	2	2	2	1	1	1	1	2	2	3	3	2	2	2
27	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
29	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	2
30	1	1	1	1	1	1	1	1	****	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 87.6 PERCENTAGE OF DATA INVALID - 12.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	1	2	3	3	2	2	2
2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	2	2	1	1	1	2	2	3	4	4	3	1	1	1	2	2	2	2
4	2	1	1	1	2	2	2	2	1	1	1	1	****	1	2	5	5	4	3	4	3	3	4	4	2
5	4	3	3	2	2	3	3	3	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
7	2	1	1	1	1	1	2	3	5	3	****	2	2	3	3	4	4	3	3	3	3	3	3	2	3
8	2	2	2	2	2	3	5	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	2	1	2	2	3	3	5	3	4	2	3	3	****	3	3	1	2	2	4	4	4	3	3
10	2	2	2	2	2	1	2	1	1	1	0	2	2	2	2	3	3	2	2	3	3	2	1	1	2
11	1	1	0	0	0	1	1	1	1	1	0	1	0	1	0	1	1	0	0	1	1	0	0	0	1
12	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0
13	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1
14	1	1	1	1	1	2	3	3	3	1	2	2	2	2	6	3	3	2	3	2	2	3	3	3	2
15	2	1	1	1	1	3	5	6	4	4	4	3	3	2	3	2	2	2	2	2	2	2	1	1	2
16	1	1	1	1	1	1	2	2	3	5	2	1	2	2	1	1	1	2	3	4	3	4	3	2	2
17	2	2	2	2	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	3	3	3	2	2	3	2	3	3	4	3	3	3	3	2	2	2
19	2	2	1	1	2	2	2	2	3	2	3	3	2	2	3	3	2	2	2	2	2	2	2	3	2
20	3	3	3	3	2	2	2	2	2	2	3	2	3	3	3	3	2	3	3	2	6	6	4	2	3
21	4	1	1	1	2	3	5	3	2	1	2	2	2	2	2	2	2	1	2	2	2	2	1	1	2
22	1	1	1	1	1	1	4	5	5	4	2	2	****	3	3	4	4	3	3	2	2	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	1	1	1	1	****	1	2	3	3	3	2	3	3	3	3	2	2
25	1	1	1	1	1	2	3	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	2	1	2	2	2	2	2	2	3	2	2	3	4	3	4	4	4	3	4	4	4	3
27	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	2	2
28	1	1	1	1	1	2	4	5	4	3	3	3	3	3	-	3	2	3	2	2	-	-	-	2	2
29	2	1	1	1	1	1	2	1	2	1	2	3	****	2	1	2	2	3	4	4	3	3	2	2	2
30	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
31	1	1	1	1	1	2	6	4	3	2	2	2	2	2	3	3	3	3	2	3	3	2	2	2	2
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	5	2	1	1	1	1	1	1	1	1	1	2	2	3	2	1	2
2	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	1	2	2	1	1	2	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	3	2	2
5	2	1	1	1	1	3	5	5	4	3	3	3	3	2	3	4	4	3	2	3	3	2	2	2	3
6	1	1	1	1	1	2	3	2	1	1	1	1	****	1	1	1	1	****	1	1	2	2	2	1	1
7	1	1	1	1	1	3	5	4	3	3	3	2	2	2	3	4	3	-	1	1	1	1	1	1	2
8	1	1	1	2	2	3	5	3	2	2	2	2	5	3	3	3	2	1	1	1	1	1	1	1	2
9	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	****	****	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
11	2	1	1	1	1	3	2	4	3	2	****	2	2	2	2	3	****	2	2	2	2	2	1	1	2
12	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	3	3	****	3	3	3	2	3	3	2
14	3	2	2	1	1	3	5	4	1	1	2	2	****	1	1	1	1	1	1	1	2	2	1	1	2
15	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2
18	1	1	1	1	1	2	4	5	4	3	3	3	3	4	4	5	4	3	3	3	3	3	3	3	3
19	2	2	2	2	2	2	****	3	2	1	1	1	1	1	1	1	2	3	4	3	2	2	3	2	2
20	2	1	1	2	1	4	5	5	4	3	3	3	2	****	2	3	3	2	2	2	2	2	2	2	3
21	1	1	-	****	1	3	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
22	1	1	1	1	1	3	4	5	3	3	3	3	3	****	3	4	4	3	3	3	3	2	2	2	3
23	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	4	5	4	5	2
25	4	2	2	2	2	4	6	6	3	5	1	1	3	3	2	3	3	3	4	3	3	3	3	2	3
26	1	1	1	1	1	1	4	-	2	2	1	1	1	2	3	4	3	3	4	3	2	1	1	2	2
27	2	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
28	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	2	2	2	2	2
29	2	1	1	1	1	3	4	5	****	****	2	3	2	2	3	4	4	3	3	3	3	2	2	2	3
30	2	2	1	1	1	1	3	3	3	3	2	1	1	2	2	3	3	3	3	3	3	2	2	2	2
31	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	2	2	3	3	2	2	3	2	1	2
MEAN	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	1	2	2	2	2	1	1	2
2	1	1	1	1	1	1	3	5	5	3	3	4	2	2	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	2	3	2	1	1	****	1	1	1	1	3	4	3	4	5	5	4	3	3	2
4	2	2	3	3	2	4	6	6	4	3	3	2	3	3	3	4	4	3	3	-	4	3	2	2	3
5	1	1	1	1	1	1	2	2	2	****	2	1	1	1	1	1	1	1	1	2	2	1	2	2	1
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1
8	1	1	1	1	1	1	2	3	3	2	3	2	3	3	3	3	4	3	3	4	3	3	3	3	2
9	2	2	1	1	2	4	6	7	4	3	4	3	2	2	2	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	2	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	2	3	3	2	2	1	1	2	2	2	3	3	2	2	2	2	1	1	1	2
13	0	0	0	0	0	0	1	1	1	1	1	1	2	1	2	3	2	1	1	1	1	1	1	1	1
14	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	1	-	1	0	0	0	1	1	1	2	3	2	2	2	3	3	3	1	1
16	1	1	1	1	2	3	4	3	2	2	2	2	2	1	2	3	3	2	2	3	2	2	1	1	2
17	0	0	0	0	0	2	2	2	2	2	****	0	0	0	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	1	2	4	4	3	2	2	2	2	3	3	3	2	3	3	3	3	2	1	2
19	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	3	5	5	4	4	3	2	2	1	2
20	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	3	1	1	1	0	0	1
22	0	0	0	0	0	1	2	2	1	1	2	2	2	2	3	2	3	4	3	1	2	2	1	1	2
23	1	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1
24	1	1	1	1	1	2	5	5	3	2	3	3	2	3	3	3	3	4	3	3	3	5	4	3	3
25	3	2	1	1	2	2	4	5	4	4	4	4	4	3	4	5	6	5	4	4	3	3	3	3	3
26	3	1	2	1	1	2	2	2	1	1	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	1	1	1	-	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
29	2	2	2	2	2	3	6	6	5	3	3	3	3	3	4	4	6	6	5	5	5	5	6	4	4
30	5	4	4	4	3	5	8	6	5	5	4	4	4	4	4	-	4	4	5	4	4	4	3	3	4
MEAN	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	5	7	7	5	4	3	3	3	****	2	3	3	3	3	2	2	2	2	1	3
2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	-	2	****	2	2	2	2	1	1	2
3	2	****	2	2	2	4	6	6	4	****	2	3	2	3	3	4	6	6	4	4	3	2	2	2	3
4	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
6	1	1	1	1	1	1	3	4	3	2	2	2	3	3	3	3	3	-	2	2	2	2	2	2	2
7	2	1	2	2	2	4	6	7	3	2	2	1	1	2	3	4	3	4	4	4	3	2	3	4	3
8	2	2	2	2	2	3	5	4	2	-	-	2	2	****	1	1	1	1	1	1	2	1	1	1	2
9	1	1	1	1	1	2	4	4	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2
10	2	2	1	2	3	4	7	9	5	****	2	3	3	3	3	4	4	5	4	4	4	4	4	4	4
11	3	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	1	1	1	1	2	2	2
13	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	1	2
14	1	1	1	1	2	3	5	6	2	2	2	2	2	3	4	5	5	5	5	3	3	2	2	2	3
15	2	2	2	2	2	3	5	6	5	****	3	3	3	3	3	5	4	3	3	3	4	3	2	2	3
16	2	2	2	2	2	2	3	4	6	6	4	4	5	5	5	6	7	5	5	4	4	3	3	3	4
17	2	2	2	2	2	4	6	7	7	****	4	3	3	4	4	6	6	4	3	3	3	2	2	2	4
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
20	2	2	2	2	2	2	3	3	2	****	4	1	1	1	1	2	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	2	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	4	3	2	2	2	2	2	2	4	4	4	4	3	4	3	2	1	2
24	1	1	1	1	1	2	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2
25	1	1	1	1	1	1	2	2	2	2	-	2	3	3	3	3	2	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	1	-	1	1	1	1	2	2	2	2	2	1	1	2	1
28	2	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1
30	1	1	-	1	1	1	2	3	3	3	1	1	1	2	2	2	3	3	3	2	2	1	1	1	2
31	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	2	2	3	2	1	2	1	1	1
MEAN	2	1	1	1	1	2	3	4	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	5	5	5	4	2
3	3	1	2	-	1	2	3	4	4	3	3	3	3	3	3	5	5	6	6	3	2	2	2	2	3
4	2	1	1	1	1	1	3	3	2	1	1	2	2	-	2	1	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1
6	1	1	1	1	1	1	2	3	3	2	2	2	2	1	1	2	2	3	4	1	1	1	2	2	2
7	1	1	1	1	1	1	2	4	5	3	2	2	-	4	5	5	6	7	6	3	1	1	1	1	3
8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	5	4	3	1	1	2	2
9	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	-	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	-	1	1	1	1	1
12	1	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	2	2	2	1	2	2	1
13	2	2	2	2	1	1	3	5	4	3	3	3	3	2	3	5	6	4	3	3	3	2	2	2	3
14	2	2	****	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	5	4	5	2
17	7	6	4	3	3	2	4	6	7	6	-	2	2	2	3	3	4	4	3	2	1	1	1	1	3
18	1	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	2	2	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	4	2	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2
20	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2
21	1	1	1	1	1	1	3	4	4	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	2
22	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
23	2	3	2	2	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2
24	2	2	2	2	2	2	3	3	4	3	4	****	2	2	2	2	2	2	2	2	1	1	1	1	2
25	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	1
26	2	2	2	1	1	1	2	4	4	3	2	1	1	1	1	2	3	4	6	5	5	4	3	3	3
27	-	2	2	2	2	2	2	4	3	3	2	2	2	2	****	2	3	3	2	2	2	2	2	2	2
28	2	1	1	1	1	1	3	5	5	4	4	3	4	4	2	2	3	4	3	3	3	3	2	2	3
29	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	2	1	2	2	2	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	2	2	2
MEAN	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	2	3	3	4	3	2	****	1	1	1	1	2	3	3	4	3	3	3	2	2
2	2	1	1	1	1	1	2	4	6	4	3	3	2	3	3	3	4	3	2	1	1	1	1	0	2
3	0	0	0	0	0	0	0	1	1	1	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	-	1	1	1
5	1	1	1	1	1	1	2	3	5	4	3	2	2	2	2	4	5	6	5	5	7	6	4	4	3
6	3	3	3	2	1	1	1	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	2	3
7	2	2	2	1	1	1	1	1	2	2	3	3	3	3	4	4	4	5	6	7	6	6	5	5	3
8	4	5	3	2	2	3	4	7	9	11	7	3	2	2	1	2	2	2	1	1	1	1	1	1	3
9	0	0	0	0	0	1	1	2	2	1	1	1	1	2	3	3	5	3	3	1	-	-	2	1	2
10	1	1	1	1	0	1	1	2	2	1	1	1	1	1	****	2	****	****	1	1	1	1	1	1	1
11	1	1	1	1	1	1	3	6	5	3	2	1	2	2	2	2	2	2	2	2	-	-	-	2	2
12	2	1	1	1	1	2	3	5	6	4	4	3	3	5	6	6	5	5	4	3	2	1	1	1	3
13	1	2	1	1	1	1	1	1	1	2	2	2	1	2	1	2	2	2	2	3	3	2	2	2	2
14	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2
15	2	1	1	1	1	2	3	3	3	7	2	7	2	3	3	4	5	5	****	2	2	3	2	2	3
16	2	1	1	1	1	2	2	2	4	3	2	2	1	1	1	1	2	2	2	2	1	1	1	1	2
17	1	1	1	1	1	1	1	2	3	3	3	3	4	3	4	4	4	4	3	2	****	2	2	1	2
18	1	1	1	1	1	1	2	2	2	2	1	****	1	1	1	2	2	2	2	2	1	-	-	-	1
19	1	1	1	1	1	1	1	1	2	2	1	1	-	-	1	1	2	3	3	3	2	2	1	2	2
20	2	2	1	1	1	1	1	3	3	3	2	2	1	1	1	1	2	2	2	2	2	2	1	2	2
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
22	2	2	1	2	1	1	2	4	4	4	4	****	****	3	4	4	5	5	4	2	2	2	3	3	2
23	3	3	2	2	2	2	4	5	5	5	3	3	3	3	3	3	3	3	****	3	2	2	2	2	3
24	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	1	2	2	2	2	2	2	3	2	2	2	3	3	2	2	2	2	2
26	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
27	2	2	2	2	3	3	4	4	6	3	3	3	3	3	3	2	3	3	3	4	3	4	4	4	3
28	5	5	6	5	3	3	3	3	5	4	3	3	2	2	3	3	2	3	4	4	4	3	3	3	4
29	2	2	2	2	2	2	3	3	4	4	****	****	2	2	2	2	2	2	2	1	1	1	1	1	2
30	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
31	2	1	1	1	1	1	2	3	4	3	3	3	3	4	3	3	3	3	2	2	2	2	2	-	2
MEAN	2	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.4	5	8
FEB	29	2.4	4	10
MAR	31	2.5	4	10
APR	30	2.9	6	10
MAY	30	2.6	5	8
JUN	27	1.7	3	7
JUL	31	1.9	3	6
AUG	31	1.9	3	6
SEP	30	1.9	4	8
OCT	31	2.1	4	9
NOV	30	1.8	3	7
DEC	31	2.2	4	11
YEAR	362	2.2	6	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	173	450	107	0	0	0	730
FEB	79	510	82	1	0	0	672
MAR	155	444	130	3	0	0	732
APR	54	474	174	1	0	0	703
MAY	98	501	115	0	0	0	714
JUN	303	275	53	0	0	0	631
JUL	326	352	55	0	0	0	733
AUG	348	328	50	0	0	0	726
SEP	351	279	82	0	0	0	712
OCT	285	357	85	1	0	0	728
NOV	360	286	62	0	0	0	708
DEC	264	364	89	2	0	0	719
YEAR	2796	4620	1084	8	0	0	8508

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.9	0	0.2	0.9	1.5	2.2	3.4	4.0	5.0	5.8	11	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	1	1	1	1	1	1	2	3	3	2	2	2	****	1	1	2	2	1	1	1	1	1	2	1
5	1	1	1	1	****	1	1	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	2	1
6	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	1	0	1	0	0	1	1
12	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	3	5	4	3	1	1	1	1	1	1	2	2	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	3	2	1	1	1	1	2
17	1	1	1	1	1	1	2	3	7	5	3	2	2	2	2	2	2	3	3	2	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	1
22	2	1	1	1	1	1	1	2	2	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	2	2	2	2	1	1	2	2	2	2	1	1	****	1	1	1	1	1	1	1	1	2	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	2	2	1	****	****	1	1	1	2	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	2	1	-	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
4	1	1	1	1	1	1	1	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	2	2	2	1	2	3	5	2	2	****	1	****	11	1	-	-	2	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2
7	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1
15	2	2	2	1	1	1	2	3	3	2	2	2	1	1	1	****	1	1	1	1	1	2	1	2	1
16	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	****	1	1	1	****	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2	2	3	3	4	4	5	4	4	4	2
20	2	2	1	2	2	2	2	4	6	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
22	0	0	0	0	0	0	1	1	2	1	1	1	1	****	1	1	2	2	2	3	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
24	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
25	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	2	1	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	2	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
3	1	1	1	1	1	1	2	3	2	2	1	1	1	1	****	1	****	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
5	1	1	1	1	1	1	1	2	3	2	1	2	1	2	3	1	1	0	1	0	0	0	0	0	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
11	0	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
13	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	3	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
16	2	3	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
17	2	2	1	1	1	1	3	5	10	4	2	2	****	1	1	2	3	3	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
19	1	1	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2
20	3	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	2	2	3	2	1	1	2	2
21	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	1
22	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	1	2	2	1	1	1	****	1	1	2	2	3	3	1	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	1	3	-	1	0	0	-	-	1	1	2	2	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	0	1
3	0	0	0	0	0	1	1	3	2	0	0	0	-	0	****	1	1	1	1	1	1	0	1	0	1
4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
7	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	0	1	1	1
8	0	0	0	0	0	0	1	1	1	0	0	1	1	****	1	1	1	1	1	1	1	1	1	-	1
9	1	0	0	0	0	1	2	3	3	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
10	1	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	0	1	1	0	1	0	0	1
11	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	1	1	1	0	1	1	1	1	1	*
12	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
15	0	0	0	0	0	0	0	1	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	0
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1
19	2	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	-	-	2	1
22	2	2	1	1	1	1	2	1	1	1	1	1	1	-	1	1	1	2	1	2	1	1	-	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	2	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	1	2	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	0	1	1	0	1	1	2	2	1	1	1	****	1	1	1	1	1	2	1	2	1	1	2	1
30	1	1	1	1	1	2	2	2	1	2	2	2	1	2	1	2	2	3	2	-	3	3	3	3	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	-	2	****	1	2	2	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1
3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	0	****	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1
12	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	3	3	2	2	1	1	1	2	2	2	2	2	1	2	2	2	-	2
14	2	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	-	1
15	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	1	1	1	1	2	2	2	2	1	1	1	****	2	1	2	2	2	2	2	2	3	3	3	2
17	3	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	2	2	1	1	-	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	1	1	1
20	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	4	2
21	3	2	1	1	1	2	2	3	2	2	2	3	****	****	2	2	2	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	3	3	2	2	1	2	****	1	2	1	2	2	3	3	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1
26	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	****	1	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1
29	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	3	2	1	2	2	****	1	1	2	1	2	2	2	1	1	1	1	1
31	1	1	1	0	1	1	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
2	1	1	0	0	1	1	1	2	2	2	2	2	2	1	1	1	1	0	1	1	1	1	1	1	1
3	1	1	0	1	1	1	1	2	1	1	1	1	****	5	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
5	1	1	1	1	1	1	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2
6	1	1	1	1	1	1	2	3	2	2	2	2	****	2	2	3	2	3	3	3	2	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2
8	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
12	2	2	1	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1
13	1	1	2	1	1	2	2	1	1	2	1	1	-	1	1	1	1	1	1	1	2	3	3	4	2
14	3	2	2	2	2	2	2	2	****	****	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2
15	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	****	1	1	1	****	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	1	1	1	1	****	0	0	1	1	0	1	1	1	0	0	0	1
18	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0
19	0	0	0	0	0	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1
20	1	0	0	0	0	0	1	0	1	****	****	****	****	****	****	****	1	0	0	0	1	1	1	1	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0
22	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
23	1	1	1	1	1	1	2	1	****	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	1	1	1	1	2	****	1	-	1	2	2	2	2	1	1	1
25	1	1	1	1	1	1	2	3	2	1	1	1	2	1	1	1	2	1	1	****	1	1	0	1	1
26	1	0	0	0	0	0	1	1	1	1	0	****	****	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	0	1	1	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	2	2	2	2	1	2	2	3	1
5	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1
6	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	1	1	2	2	1	0
7	1	1	1	1	1	1	2	2	1	****	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	1	1	0	1	1	1	1	1	1	1
9	1	1	0	0	1	1	2	3	2	1	1	1	1	1	2	2	1	1	1	3	3	3	2	2	2
10	2	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	1	1	2	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	0	1	1	1	1	*	*
13	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	2	1	1	1	1	2	2	1
14	1	1	1	1	1	1	2	1	1	0	****	1	1	1	1	1	1	1	1	1	2	1	1	1	1
15	1	0	0	0	0	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
16	0	0	0	0	0	0	1	1	1	0	****	0	1	1	0	0	1	1	1	1	1	2	1	1	1
17	1	1	1	1	0	1	1	0	0	0	0	0	0	****	2	2	2	2	2	2	2	2	2	2	1
18	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
20	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	2	2	2
21	2	1	1	1	1	2	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
24	1	1	1	1	1	1	3	2	1	1	1	1	****	1	1	1	1	1	1	2	2	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2
27	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1
28	1	1	1	1	1	1	2	2	2	1	1	1	1	1	-	-	1	1	1	1	-	-	-	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2	1
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
31	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	3	2	3	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
5	1	1	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	****	1	1	2	2	1	1	1
7	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	2	1
8	2	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	2	2	2	1
11	1	2	1	1	1	1	3	3	2	1	1	1	1	1	1	1	****	3	2	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	1	1	1	1	****	0	0	0	1	0	1	1	1	1	1	1	1
13	1	1	0	0	1	1	2	1	1	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	0
16	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	2	1
19	2	1	1	1	1	1	****	1	1	0	0	0	0	0	0	0	1	1	1	2	3	2	1	2	1
20	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	-	****	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
22	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	2	1	2	2	1
25	1	1	1	0	1	1	2	3	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	1	1	-	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	2	2	2	2	2	2	2	2	2	1
30	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	2	1	1	1	1	1	****	****	1	1	1	1	2	2	2	2	1	1
4	2	2	1	2	2	2	3	3	1	1	1	1	1	1	1	1	1	1	2	-	2	2	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	****	****	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	0	0	0	****	0	1	1	1	0	1	1	1	1	1	1	1
13	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
14	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
15	0	0	0	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1
18	1	1	1	1	1	1	3	5	3	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	0
19	1	1	1	1	1	1	2	2	1	1	1	1	1	****	****	****	****	****	****	2	1	2	2	1	2
20	1	2	1	2	1	2	2	2	1	1	1	1	1	****	1	1	1	2	2	3	2	2	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
25	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1
26	2	1	1	1	1	1	3	3	3	3	2	2	2	1	1	2	3	2	3	3	2	1	2	2	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	3	3	3	3	2	2	3	4	2	1	2	2	13	1	1	-	2	2	2	2	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	-	1	2	1	1	2	1	1	1	1
3	1	****	1	1	1	1	3	3	3	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1
7	1	1	1	1	1	2	3	4	3	1	1	1	1	****	0	0	0	0	1	1	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	-	-	1	0	0	0	0	0	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	1	1	0	0	0	0	0	0	0	0	0	0	0	1	******
10	1	1	1	1	1	1	1	1	2	2	2	7	1	1	1	1	2	2	2	2	2	3	3	3	2
11	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1
12	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1
13	1	1	0	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	3	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2	3	3	4	4	4	3	2	2	2	2
17	2	2	1	1	1	1	2	3	2	2	****	2	2	1	2	2	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
20	0	0	0	0	1	0	1	3	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1
21	1	0	0	0	0	1	1	2	1	1	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	2	3	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	2	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	-	1	1	1	2	2	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1
30	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	1	0	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
3	1	3	2	-	1	1	1	1	1	1	1	1	1	2	1	1	2	3	3	2	2	1	1	1	1
4	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1
5	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1
7	0	0	1	1	1	1	1	3	3	2	1	1	1	2	2	2	4	4	3	1	1	1	1	1	2
8	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1
10	0	0	0	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
12	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	3	2	2	1	1	2	2	1
13	2	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
14	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	4	1
17	4	3	2	1	1	2	2	4	7	****	-	****	****	****	1	1	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	3	3	1	1	****	****	****	****	****	****	****	****	****	****	****	******
20	1	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	1	1	1	1	1	1	******
21	1	0	1	1	1	1	1	1	3	3	1	1	0	****	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	3	3	1	1	1	1	1
24	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	2	2	2	2	2	2	1
26	2	1	2	2	2	1	2	3	4	3	2	1	1	1	1	2	2	3	3	3	3	3	3	3	2
27	-	4	3	2	2	2	2	3	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	2
28	1	1	1	1	1	1	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	1	1	2
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	3	3	4	3	2	2	2	2
2	2	1	1	1	1	1	2	2	3	3	2	2	5	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	3	-	3	3	2
5	3	2	2	1	1	1	2	3	5	4	3	2	1	****	1	1	2	3	4	4	5	6	5	5	3
6	5	4	3	2	2	1	2	2	3	3	2	3	2	1	1	1	1	1	1	1	1	2	2	2	2
7	2	2	2	1	1	1	-	1	1	1	2	2	2	2	2	3	4	2	2	3	4	5	2	2	2
8	2	1	1	2	2	2	2	4	7	5	3	1	0	0	1	1	1	1	1	0	0	0	0	0	2
9	0	0	0	0	0	0	0	1	1	1	1	0	0	****	1	1	1	1	2	1	-	-	1	1	1
10	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1	1
12	1	1	1	1	1	1	1	2	2	1	2	1	1	2	****	2	2	2	1	1	1	1	1	1	1
13	1	1	1	1	1	0	1	1	1	1	1	1	1	:	:	:	:	:	1	1	:	:	:	:	:
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	3	4	****	2	2	2	2	2	2
16	2	2	1	1	1	1	1	2	2	2	2	1	1	****	1	0	1	1	1	0	1	0	0	0	1
17	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1	****	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0
19	0	0	0	0	0	0	0	0	1	1	0	0	-	-	0	0	1	1	1	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
23	1	1	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	****	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
27	2	2	2	2	2	2	2	2	3	2	3	2	3	3	2	2	2	2	2	3	3	4	4	4	3
28	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	2	2	1
31	1	1	1	1	1	1	1	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	1	-	2
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.2	2	7
FEB	29	1.2	2	11
MAR	31	1.0	2	10
APR	30	0.9	2	3
MAY	31	1.2	2	4
JUN	30	1.0	2	5
JUL	31	1.2	2	4
AUG	31	1.0	1	3
SEP	30	1.1	2	13
OCT	29	1.1	2	9
NOV	28	1.2	2	7
DEC	31	1.2	3	7
YEAR	362	1.1	3	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	634	94	5	0	0	0	733
FEB	576	89	11	1	0	0	677
MAR	624	109	2	1	0	0	736
APR	621	83	0	0	0	0	704
MAY	598	130	1	0	0	0	729
JUN	590	105	2	0	0	0	697
JUL	539	187	2	0	0	0	728
AUG	651	75	0	0	0	0	726
SEP	595	103	4	1	0	0	703
OCT	624	81	6	1	0	0	712
NOV	535	137	8	0	0	0	680
DEC	525	172	22	0	0	0	719
YEAR	7112	1365	63	4	0	0	8544

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.3	0	0.0	0.3	0.5	0.8	1.5	1.9	2.5	2.9	13	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	2	1	1	1	1	2	3	3	2	2	1	1	1	2	1	2	1	1	1	1	1	1	1	1
3	1	0	0	0	0	0	1	2	2	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	2	2	3	3	3	2	2	5	0	0	1	1	0	0	0	1	1	0	0	1
5	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	1	1	0
6	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	1	1	****	1	1	2	2	2	2	1	1	1	1	1	1	1
15	1	1	1	1	0	0	1	4	6	6	2	1	1	1	1	2	3	2	1	1	1	0	0	1	2
16	1	1	0	0	0	1	1	1	1	0	0	1	0	1	****	****	2	****	1	1	1	1	1	1	1
17	1	1	2	1	1	1	3	4	7	4	2	2	2	2	2	3	3	3	2	2	3	2	1	1	2
18	1	1	1	1	1	1	2	2	2	2	2	1	2	2	1	2	3	3	2	2	2	2	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
20	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	3	3	2	1	1	1	2	1	2	2	2	2	2	2	1	1	1	2
22	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
23	1	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1
24	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1
25	1	1	1	1	1	1	2	3	4	3	2	1	2	2	2	2	2	3	3	3	2	2	2	1	2
26	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	1
28	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	3	3	2	2	1	1	1	1	2
29	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
30	1	1	1	0	0	0	1	2	2	1	1	1	1	1	1	****	****	****	****	-	****	****	1	1	1
31	1	1	0	0	0	0	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
2	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	****	1	1	1
3	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1
4	0	0	0	0	0	0	1	2	2	3	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	0	2	3	3	2	1	****	0	1	1	1	-	-	2	2	1	2	1	1	1
6	1	1	1	1	0	1	1	2	2	2	2	1	1	1	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	2	3	2	2	1	1	1	1	1	******
8	0	0	0	0	0	0	1	3	2	1	****	1	1	1	1	2	2	2	2	1	1	1	1	1	1
9	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1
11	0	0	1	0	1	0	1	2	1	1	1	****	1	1	1	1	2	2	1	1	1	2	1	1	1
12	1	1	1	1	1	1	3	4	4	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	2
13	1	1	1	0	0	0	1	2	2	1	1	1	1	1	1	****	1	1	0	0	0	0	0	1	1
14	0	0	0	1	0	0	1	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1
15	1	1	1	1	0	1	2	3	3	3	3	2	1	1	1	****	2	2	****	0	0	0	****	0	1
16	1	1	1	0	0	0	0	1	1	1	1	****	1	0	1	1	1	1	1	1	0	1	1	1	1
17	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	2	1	0	0	1	1	1	0	1
19	0	0	0	0	0	0	1	1	2	1	1	1	1	1	2	3	6	4	4	3	2	3	3	2	2
20	2	2	1	1	2	2	3	5	3	2	2	2	2	2	3	3	4	4	3	3	3	3	3	3	3
21	3	2	2	2	2	1	2	4	4	3	2	2	2	3	3	3	4	2	1	1	1	1	1	1	2
22	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	3	2	1	0	0	1
23	1	0	0	0	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1
24	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
25	2	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	1
26	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
27	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	****	0	0	0	0	0	****	1	1	1	2	2	2	2	1	1	1	1	2	1
MEAN	1	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 4.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	1	2	1	1	2	1
3	2	1	1	1	1	1	2	3	3	2	****	****	2	2	2	2	****	2	2	2	2	1	2	2	2
4	2	1	1	1	1	2	2	3	2	2	2	****	1	2	2	2	4	3	2	2	2	2	2	1	2
5	1	1	1	1	1	1	2	3	3	3	2	2	2	4	4	3	3	2	2	1	1	1	1	2	2
6	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	3	3	2	2	6	1	2	2	2	3	2	2	2	3	2	2	2	2
8	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
9	2	2	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2
10	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1	2
11	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	2	3	3	2	1	2	2	2	2	1
13	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2
14	1	1	1	1	1	1	2	4	5	3	2	2	2	2	1	2	2	2	2	2	2	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	3	3	2	2	2	2	2
16	2	3	3	2	1	0	0	1	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	3	5	9	9	5	4	****	1	3	3	3	4	4	4	4	3	2	2	2	3
18	2	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	2	1	2	1	1	0	1	1	1
19	1	1	2	1	0	0	1	1	1	1	****	****	****	****	2	2	3	3	3	4	3	3	4	4	2
20	3	2	2	2	2	2	4	7	4	3	3	3	3	4	4	4	5	5	5	4	3	4	5	5	4
21	3	3	3	4	4	4	4	4	5	5	4	5	5	5	4	4	4	3	3	2	2	2	2	1	4
22	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	3	3	3	3	3	****	2	2	2	3	4	3	3	3	2	2	2	2	2
25	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
27	2	2	1	1	1	1	3	5	3	2	2	****	1	1	2	2	3	2	2	3	3	2	1	2	2
28	3	1	2	1	1	1	2	3	4	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2
29	3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	7	5	4	3	3
30	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
31	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1
MEAN	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	2	4	4	-	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2
2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
3	2	1	1	1	1	1	3	4	2	1	****	****	-	1	2	2	2	3	2	2	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	3	2
6	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2
7	1	1	1	1	1	2	3	3	2	****	1	1	2	2	2	2	3	3	2	2	1	1	1	1	1
8	2	2	1	1	2	2	3	4	3	****	****	****	****	2	2	2	4	3	2	2	1	2	2	-	2
9	1	2	1	1	2	2	4	3	3	2	2	****	1	2	2	2	3	2	2	2	1	1	1	2	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	1	2	2	2	1	2	2
12	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1
13	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
15	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	2	1	0	1	1	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	2	2	2	2	2	2	1	1	2	1
17	2	1	1	1	1	1	2	3	1	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
18	2	2	2	3	2	2	3	4	3	3	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
20	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
21	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	2	2
22	2	2	2	2	2	2	2	2	2	1	2	1	2	-	-	1	2	2	2	2	2	1	-	1	2
23	1	1	1	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
24	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2
25	2	2	2	1	1	1	2	3	2	2	****	1	1	2	2	2	3	2	2	2	2	2	2	2	2
26	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2
27	3	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
28	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	2
29	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
30	2	2	2	2	2	3	4	3	3	2	2	2	2	1	1	2	2	2	3	-	5	5	4	3	3
MEAN	2	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	3	3	3	2	1	2	2	2	2	-	2	****	2	3	4	2	1	1	2
2	1	1	1	1	1	2	3	3	2	****	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	2	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
8	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
9	1	0	0	0	0	1	2	2	1	****	****	1	1	2	2	2	2	2	2	2	1	2	2	2	1
10	2	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	1
12	2	1	1	1	2	2	2	2	2	2	****	2	2	2	2	3	3	2	2	2	3	3	3	3	2
13	3	2	2	2	2	3	4	3	4	3	3	3	3	3	3	3	3	2	2	2	3	3	2	3	3
14	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	-	2
15	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
16	3	2	2	2	2	3	4	4	3	2	****	2	2	1	2	2	2	1	1	2	2	2	5	4	2
17	4	4	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	2	2	2	1	-	1	1	1	1	1	1	2	2	1	1
19	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1
20	1	1	2	2	2	2	3	3	2	****	2	1	1	1	1	1	1	1	2	2	3	3	4	4	2
21	3	3	2	2	2	3	4	4	3	3	2	1	1	2	2	2	2	1	1	1	2	2	2	1	2
22	1	1	1	1	1	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
23	1	1	1	1	2	3	4	3	1	2	****	2	2	2	2	3	2	2	2	3	7	5	3	3	2
24	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	4	3	3	****	****	1	1	1	1	2	2	1	1	1	1	1	1	1	2
27	1	****	1	1	1	2	3	2	2	****	****	1	1	1	2	2	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	2	3	3	3	2	2	2	1	1	1	2	1	1	1	3	3	3	3	4	2
29	4	2	1	1	2	4	3	2	2	1	1	2	1	****	****	3	3	2	3	2	2	2	2	2	2
30	2	1	2	1	2	2	4	3	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	******
31	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	******
MEAN	2	2	2	1	2	2	3	2	2	2	2	2	1	1	2	2	2	1	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	2	3	2	2	****	6	2	1	1	2	2	1	1	1	1	1	1	1	1	2
3	0	1	0	1	1	2	2	2	2	2	1	1	0	1	1	1	1	0	0	0	0	0	0	0	1
4	0	0	0	0	1	1	2	1	1	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	3	2	3	2	2	2	3	2	******
6	2	2	3	2	2	3	3	3	3	3	3	4	3	3	3	3	3	4	5	4	4	3	3	2	3
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
8	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
9	2	2	2	2	3	3	4	4	3	3	****	1	1	1	2	2	2	2	2	1	2	2	2	2	2
10	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	2	3	3	2	1	1	2	2	2	2	2	2	2	2	2	3	3	4	4	2
12	4	4	3	2	3	3	5	3	2	2	2	2	2	****	1	2	1	1	1	1	1	1	1	1	2
13	1	2	2	1	2	2	3	3	2	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1	2
14	2	2	3	2	3	2	2	1	****	****	1	1	1	1	1	1	1	1	1	3	1	1	1	1	2
15	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
16	1	1	1	1	1	2	3	3	2	1	****	1	1	1	****	1	1	1	1	1	1	1	2	2	1
17	1	1	1	1	1	2	4	4	2	1	****	2	1	1	2	2	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	3	2	1	1	1	1	1	1	2
19	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2
20	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	1	2	2	3	3	1
21	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
22	4	2	3	3	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
23	1	1	1	1	1	2	3	3	1	1	****	2	1	1	1	2	1	1	1	2	2	2	3	4	2
24	3	2	2	2	2	3	5	3	3	2	2	1	2	2	2	2	-	2	1	1	1	2	3	2	2
25	1	1	1	1	2	2	3	4	2	1	2	1	1	1	1	2	1	1	1	****	1	1	1	2	1
26	1	1	1	1	1	2	3	3	2	2	2	1	2	2	1	2	2	2	2	2	1	1	2	2	2
27	3	2	1	1	1	2	2	2	1	****	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
30	1	1	1	1	1	1	1	1	1	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	2	2	2	2	1	2	1	1	1	2	2	2	1	1	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1
2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	2	3	2	****	****	****	1	1	1	1	1	1	1	1	1	1	2	2	2	1
4	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
6	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1
7	1	1	0	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
8	0	0	0	0	1	1	2	1	1	1	****	1	0	0	0	0	0	0	0	0	1	0	1	0	0
9	0	0	0	0	0	1	1	2	2	1	0	0	1	1	1	2	2	1	1	1	2	3	4	3	1
10	2	2	1	1	2	2	4	3	1	1	1	0	1	1	1	1	0	0	0	1	2	2	1	0	1
11	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1
12	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0
14	1	0	1	1	1	2	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
15	0	0	0	0	0	1	2	3	3	2	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1
16	0	0	0	0	0	1	1	1	6	1	1	0	1	1	1	1	1	0	0	0	1	1	1	0	1
17	1	0	0	0	0	1	2	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	2	2	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
20	2	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	3	4	2	1	0	1
21	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0
22	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1
23	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
24	1	0	0	0	1	1	2	2	1	1	1	1	****	****	1	1	0	0	0	0	0	1	1	0	1
25	0	0	0	0	0	1	2	2	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1
26	0	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	2	3	2	2	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	0	1	0	0	1
28	0	0	0	0	0	1	1	2	1	1	1	1	1	1	-	-	0	0	0	0	-	-	-	1	1
29	0	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	0	1	2	3	3	3	4	3	1
30	3	2	1	1	1	1	2	2	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
31	1	0	1	1	1	2	2	1	1	0	1	1	1	****	5	0	0	0	0	0	0	0	0	0	1
MEAN	1	1	0	0	1	1	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	3	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	****	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	****	0	0	0	0	1	1	1	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	1	1	0	0	0	0	****	0	0	0	0	****	0	0	1	1	0	0	0
7	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	0	1	1	0	0	1
9	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
11	1	1	0	0	0	1	2	3	2	0	0	0	1	****	0	0	****	0	0	0	0	0	0	-	-
12	0	0	0	0	0	1	3	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	1	0	****	0	0	0	0	1	1	0
14	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
15	0	0	0	0	0	0	2	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
17	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	0	0	1	2	2	2	3	2	1
19	2	2	1	1	0	1	****	3	1	1	0	****	****	1	1	2	1	1	1	2	3	4	3	3	2
20	2	2	1	1	1	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	-	****	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	3	3	1
23	2	2	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	****	****	****	****	1	****	****	****	****	1	1	2	2	4	3	1
25	2	1	1	1	1	3	6	5	4	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	2
26	1	1	0	0	1	1	3	-	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	0	1	1	1	1	1	1	1	1
28	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
29	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	3	1
30	3	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1
MEAN	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0
2	0	0	0	0	0	1	2	2	2	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1
3	1	1	0	0	1	2	3	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	2	2	2	3	5	2	2	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
5	0	1	0	0	1	1	3	2	1	****	****	0	0	0	0	0	0	0	1	1	1	1	1	1	1
6	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
8	0	0	0	0	0	1	3	4	2	1	1	0	1	1	1	2	1	1	1	1	1	0	0	1	1
9	0	0	1	1	2	2	3	3	2	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1
10	0	0	0	0	0	1	2	2	1	0	0	0	****	0	0	1	1	0	0	1	1	0	1	1	1
11	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
12	0	0	0	0	0	1	2	1	1	1	****	1	1	2	2	2	2	2	1	2	2	1	2	1	1
13	0	0	0	0	0	1	1	1	1	1	1	1	2	1	0	1	0	0	0	1	1	1	1	2	1
14	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
15	0	0	0	0	0	1	2	-	2	****	****	1	1	0	1	1	1	0	0	1	2	1	2	0	1
16	0	1	1	1	2	2	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	0	0	1
17	0	0	0	0	0	1	1	1	1	1	0	0	1	2	2	2	2	2	2	2	2	2	3	3	1
18	2	2	2	2	2	2	5	6	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2
19	2	1	1	2	2	2	4	5	3	2	****	****	****	****	3	3	3	3	3	3	3	2	3	2	3
20	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
21	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
22	1	1	1	1	2	2	3	3	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2	1	2
23	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
24	2	2	1	1	2	2	4	4	2	2	2	2	1	1	2	2	1	1	2	2	1	1	1	1	2
25	1	1	2	2	2	2	4	7	6	5	****	4	2	2	2	3	3	2	3	2	2	2	2	3	3
26	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
28	2	2	2	2	1	1	2	2	2	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
29	2	2	2	2	2	2	4	5	2	0	****	2	2	2	2	2	2	2	2	2	2	2	4	4	2
30	4	5	4	4	4	5	9	9	4	3	3	2	2	2	2	2	2	2	2	1	2	2	2	2	3
MEAN	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	2	2	4	5	3	2	2	2	1	2	1	2	2	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	3	3	3	4	4	3	2	2	2
3	3	2	2	2	2	2	3	4	3	2	1	1	1	2	3	3	4	4	2	2	1	1	1	2	2
4	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2
5	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	1
6	2	2	2	2	2	2	3	3	3	2	3	2	1	1	2	2	3	2	2	2	2	2	2	2	2
7	2	2	2	2	2	3	6	7	6	5	3	3	3	3	2	3	3	2	2	3	3	3	3	3	3
8	2	2	2	2	2	2	2	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	3	4	4	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3
10	2	2	2	2	2	3	5	7	2	1	1	1	2	2	2	2	2	2	2	4	5	6	5	2	3
11	4	4	3	2	2	3	3	3	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	;	;	;	;	;	****	2	2	2	2	2	;
14	2	1	2	1	2	3	5	5	3	2	2	2	2	3	3	4	3	3	2	2	2	2	2	2	3
15	2	2	2	2	2	2	4	4	3	3	2	2	3	3	2	3	3	3	2	2	2	3	3	3	3
16	2	2	2	2	2	3	4	5	5	4	4	4	4	3	4	5	4	3	3	3	4	3	3	2	3
17	2	2	2	2	3	2	3	3	2	2	3	3	****	3	4	4	3	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1
19	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
20	1	1	1	2	2	2	3	4	3	3	2	2	****	2	2	3	3	3	2	2	2	2	2	2	2
21	2	1	1	1	1	2	4	4	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
22	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2
23	2	2	2	2	2	3	4	5	3	1	****	2	2	2	2	2	2	2	2	2	2	2	2	1	2
24	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
25	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
26	2	2	2	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	2	1	2	2	1	2	1
27	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
28	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	2
29	1	1	1	2	1	1	2	3	3	2	2	2	2	2	****	2	3	3	3	2	2	2	2	2	2
30	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	1	1	2
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	3	3	2	2	2
3	3	3	2	1	1	1	2	2	3	2	****	2	2	2	2	3	3	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1	1	2	1
5	2	2	2	2	2	1	2	2	3	2	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2
6	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	4	3	2	1	1	3	3	3	3	6	4	4	2	2	2	2	2	2
8	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2
9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
10	2	2	2	2	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2
11	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
12	1	1	1	1	1	1	1	2	2	2	1	2	2	2	3	3	4	5	5	4	4	3	3	2	2
13	4	4	3	3	2	2	2	3	3	3	3	3	2	3	3	3	4	3	3	3	3	2	4	3	3
14	3	2	2	2	2	2	2	2	3	2	2	****	2	2	2	2	2	3	2	2	2	2	2	2	2
15	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	1	2
16	2	1	1	1	1	1	0	0	0	0	0	1	1	1	1	2	2	3	3	3	4	4	4	5	2
17	5	4	3	2	2	2	3	7	6	2	1	3	3	3	3	4	4	4	4	4	3	3	3	3	3
18	3	3	3	2	2	2	2	3	4	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3
19	3	3	2	2	3	3	3	4	4	4	3	3	3	3	4	4	5	5	4	4	4	4	4	3	4
20	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	5	4	3	3	3	3	3	3	3
21	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	4	4	4	4	3	4	4	3
23	4	3	3	3	3	3	3	4	3	3	3	4	****	1	2	2	2	2	2	2	2	2	2	2	3
24	2	3	2	2	3	3	3	4	5	5	5	5	4	4	4	4	4	4	3	3	2	2	2	2	3
25	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1
26	1	1	0	0	0	0	1	3	3	2	1	****	2	2	2	2	3	5	5	5	4	4	4	4	2
27	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
28	0	0	0	1	1	1	1	2	2	2	2	2	2	2	****	4	5	5	3	3	2	2	2	2	2
29	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	4	3	2	2	2	2	3	3	4	5	5	5	4	3	3	3	3
2	2	2	2	2	2	2	2	2	4	4	4	2	2	2	3	3	3	3	2	1	****	****	****	****	2
3	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	4	4	3	3	3	3	3	3	******
4	3	3	2	2	1	2	2	3	4	4	4	4	3	4	4	5	5	5	6	6	5	4	4	4	4
5	3	3	2	2	1	1	2	4	5	4	2	****	2	2	3	3	4	4	4	5	6	6	7	7	4
6	6	5	4	3	3	2	2	2	3	4	3	1	2	2	2	2	2	2	2	2	2	2	2	3	3
7	3	3	3	2	3	3	3	3	3	3	3	3	4	4	4	5	6	7	7	7	6	6	6	5	4
8	5	6	6	5	4	4	5	7	7	5	5	5	3	3	4	5	5	4	4	4	4	3	3	3	5
9	3	2	2	2	2	2	2	4	4	4	3	3	3	4	4	3	5	5	4	3	3	3	3	3	3
10	3	2	2	2	2	2	2	3	3	3	2	2	3	2	2	3	3	3	3	2	2	2	1	1	2
11	1	1	0	0	0	0	0	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	6	8	4	3	3	3	2	2	******
13	3	2	2	2	2	1	1	1	2	3	3	3	2	2	2	3	4	3	3	3	3	3	2	2	2
14	2	2	3	3	2	2	2	2	2	3	3	2	2	2	2	3	3	4	4	3	3	3	3	3	3
15	2	2	2	2	2	2	2	4	6	4	3	3	3	3	3	3	5	5	5	5	5	4	4	4	3
16	4	4	3	3	3	3	4	7	6	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	4
17	2	2	2	2	2	2	3	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	1	1	3
18	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2	2	1	1	2	2	3	2
19	3	3	2	2	2	2	3	3	2	2	1	****	2	2	3	3	3	3	3	3	3	3	3	2	3
20	2	2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	1	1	1	2
21	1	1	1	2	2	2	2	2	2	3	3	3	2	2	1	1	1	2	2	3	3	2	2	3	2
22	3	2	1	1	1	2	2	3	3	4	3	3	3	****	3	3	3	2	1	0	0	0	1	1	2
23	1	1	1	1	1	1	2	3	3	3	2	2	2	2	****	2	3	2	2	2	2	2	2	2	2
24	2	2	2	2	1	1	2	2	3	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1
25	2	1	1	1	1	1	2	2	2	2	1	1	1	0	0	1	1	1	1	1	1	2	2	1	1
26	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	2	1	2	1	1
27	2	2	2	2	2	3	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	3	2	4	3
28	5	6	6	4	2	2	2	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	2	1	2
29	1	1	2	1	1	1	2	3	5	5	4	****	4	4	4	4	4	5	3	3	2	2	2	2	3
30	1	1	1	0	0	1	1	2	2	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1	1
31	2	2	2	1	1	1	2	3	3	3	2	2	2	1	1	1	1	2	1	1	1	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.0	2	7
FEB	27	1.0	3	6
MAR	31	1.8	4	9
APR	30	1.7	3	5
MAY	29	1.8	3	7
JUN	28	1.6	3	6
JUL	31	0.8	1	6
AUG	31	0.6	2	6
SEP	30	1.4	3	9
OCT	31	2.1	3	7
NOV	30	2.1	4	7
DEC	28	2.5	5	8
YEAR	357	1.5	5	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	576	147	8	0	0	0	731
FEB	527	122	11	0	0	0	660
MAR	304	377	50	2	0	0	733
APR	285	403	11	0	0	0	699
MAY	325	357	24	0	0	0	706
JUN	362	300	19	0	0	0	681
JUL	651	75	6	0	0	0	732
AUG	639	56	6	0	0	0	701
SEP	402	276	25	2	0	0	705
OCT	177	518	44	0	0	0	739
NOV	253	376	86	0	0	0	715
DEC	149	413	131	0	0	0	693
YEAR	4650	3420	421	4	0	0	8495

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.7	0	0.0	0.4	0.9	1.5	2.5	3.0	3.9	4.6	9	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
2	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
4	2	2	2	2	2	2	2	2	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2
7	1	1	1	1	1	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	****	2
8	****	1	1	1	****	****	****	****	2	****	****	2	2	2	2	2	2	2	2	****	2	2	2	2	2
9	****	****	1	1	1	****	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	1	1	2	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	****	1	2	2	2	2	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
13	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	2	1	1	2	2	2	2	2	2	1	2	2	2	2	3	3	2	2	2	2	2	2
15	2	1	1	1	1	2	2	3	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	2	2	2	2	1	1	1	3	3	1	1	1	2	2	1	2	1	2	2	2	2	2	1	1	2
19	1	1	1	1	1	1	1	2	2	2	2	2	****	2	2	2	1	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	2	1	1	****	1	1	1	1	1	2	4	3	2	2	2	2
22	2	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	2	2	1	1	2	2	2	2	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
24	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
25	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2	1
26	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	3	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
6	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2
7	1	1	1	1	1	1	1	2	2	2	1	****	1	1	1	1	1	1	2	2	2	2	2	2	1
8	1	1	1	1	1	1	2	3	2	1	1	1	****	1	1	1	1	2	2	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	****	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
11	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	****	****	****	****	1
12	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	2	1	2	1	******
13	1	1	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	1	2	2	2	2	2	2
14	2	2	1	1	1	2	3	2	3	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	2
15	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
19	2	1	1	2	1	1	2	2	2	2	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1
20	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
21	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2	1	1
23	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	1	1	2	2	2	1	2	1
24	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2
25	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1.3

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	2	1	1	1	2	1	2	3	2	1	1	1	2	****	1	1	1	1	1	1	1	2	1	1	1
4	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
5	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	3	5	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
9	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1
10	1	1	1	1	1	1	1	2	1	1	1	1	****	-	-	-	-	-	-	-	-	-	-	-	******
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 30.2 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 69.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.3	2	4
FEB	28	1.3	2	6
MAR	9	1.1	1	5
YEAR	68	1.3	2	6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	477	247	2	0	0	0	726
FEB	494	175	4	0	0	0	673
MAR	197	27	1	0	0	0	225
YEAR	1168	449	7	0	0	0	1624

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74.4	0	0.1	0.4	0.7	1.0	1.7	1.9	2.3	2.7	6	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	3	4	3	3	3	3	3	3	3	******
10	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	1	2	2	2	1	1
15	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1
17	2	1	1	1	1	1	2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
18	2	2	1	1	1	1	2	2	2	2	2	2	2	****	2	2	2	2	2	3	2	2	2	2	2
19	2	2	2	1	1	1	2	2	2	3	2	2	2	2	3	3	3	3	2	2	3	3	3	2	2
20	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
21	2	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	3	3	2	2	2	2	2
22	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2
23	1	1	1	1	1	1	1	2	2	2	2	2	****	1	2	2	2	2	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	3	****	2	2	2	2	2	2	2	2	2	3	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
27	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	3	3	3	3	3	****	****	2	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	4	4	5	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 70.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 28.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	4	4	4	4	****	****	****	****	2	2	2	2	1	2	2	2	2	2	3
2	1	1	1	1	1	1	2	3	3	2	2	3	****	****	2	2	2	2	2	2	2	2	2	2	2
3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	1	1	1	1	2	2	2	2	2	****	2	2	1	1	1	1	2	8	2	1	2	2	2
6	2	1	1	1	1	2	2	2	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1
7	2	1	1	2	2	2	2	1	1	1	1	****	2	2	1	1	1	1	1	1	1	1	1	3	1
8	1	1	1	0	1	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	1	1	1	1
9	1	0	1	1	1	1	1	1	1	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	2	2	2	2	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2	1	1	1	2	2	2
12	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	1	1	1	1	2	1	1	1	1	1	1	2	:	:	:	:	:	:	:	:	:	:
15	1	1	1	1	1	1	2	1	1	1	1	1	1	****	****	2	2	1	1	1	1	1	2	2	1
16	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
17	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2
18	2	2	2	2	2	2	2	2	2	3	3	7	7	6	6	6	4	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	2	2	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3
21	4	4	4	3	3	3	4	4	4	4	4	4	****	1	1	1	1	1	1	3	8	1	1	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	2	3	2	1	1	1	****	****	0	0	0	0	0	0	1	2	1	1	0	1
24	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	1	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
26	1	1	0	0	0	0	0	0	0	1	1	****	1	0	0	0	0	0	0	0	1	1	1	1	0
27	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	0	0	0	0	1	1	0	0	1	0	****	1	1	1	1	0	0	0	0	0	1	0	0
31	0	0	0	4	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	1	2	****	1	1	1	1	0	0	0	0	1	0	1	1	1
3	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	****	0	0	0	1	1	1	1	1	1	1	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
8	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1
9	1	2	1	1	1	3	9	7	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	2	1
12	1	1	1	:	:	2	3	2	2	:	:	:	1	:	:	:	:	:	1	1	:	:	1	1	1
13	1	1	1	1	1	2	5	9	3	7	4	****	1	3	1	1	1	5	3	2	2	2	2	2	3
14	1	1	1	1	1	1	1	1	4	5	3	4	1	1	2	5	3	1	0	0	0	0	0	1	2
15	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	3	8	2	4	2
18	1	1	3	1	2	7	8	6	4	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	1
20	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	1	1	1
23	1	1	1	1	2	1	2	1	1	1	1	****	1	1	1	1	2	3	1	1	1	1	1	2	1
24	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
25	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	4	1
26	2	1	1	1	1	1	7	7	8	5	2	3	2	4	2	2	3	2	1	1	1	1	1	1	3
27	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1
30	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	4	5	1	2	1	2	3	5	2	2	1	1	1	1	1	2
2	1	3	2	0	1	1	1	1	0	0	0	****	1	0	0	1	1	1	1	0	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	1
5	2	2	1	1	1	1	1	1	1	2	2	5	3	1	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
7	1	1	1	1	1	1	1	3	4	2	1	****	1	1	2	4	7	4	3	4	1	1	1	1	2
8	1	4	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1
9	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	2	1	1
10	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	4	8	6	0	1	2
11	3	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0	0	0
14	0	0	0	0	0	1	1	1	0	1	1	0	****	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	0	0	1	****	2	1	1	1	1	1	1	2	2	2	2	1
17	1	1	1	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	******
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	0	0	0	2	1	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
25	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
28	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	2	1	****	1	1	1	1	1	1	1	1	1	2	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1
6	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
7	1	1	1	1	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	0	0	1	1	1	1	0	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	1	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	1	1
19	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1
20	1	1	1	1	1	1	1	1	1	0	1	0	****	1	1	1	1	1	1	1	1	0	0	0	1
21	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0	1	1	1	0
22	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
24	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1
25	1	1	1	1	1	1	3	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	1	1	1	1	1	1	1	1	****	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
4	2	1	1	1	1	1	4	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	1	2	1	1	1	1	1	****	1	1	1	1	1	1	2	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
8	1	1	1	1	1	1	3	2	2	1	1	****	1	1	1	1	1	1	1	1	1	2	2	1	1
9	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	2	2	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
15	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	3	2	2	1	1
16	1	1	1	1	2	2	4	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
19	1	1	1	1	1	2	3	2	1	1	1	1	****	1	1	1	1	1	2	2	2	3	2	2	1
20	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
21	1	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1
22	1	1	1	1	1	1	3	2	1	1	****	1	1	1	1	1	1	0	0	0	0	0	1	0	1
23	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
29	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	3	2	3	3	2	2	2
30	1	1	1	1	2	2	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	-	-
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	2	5	2	1	1	1	****	1	1	1	1	1	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1
8	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1
10	1	1	1	1	1	2	3	2	1	1	1	****	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	:	1	.	1	1	1	1	1	1	1	1	*	*
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	3	3	2	1	1	1	****	1	1	1	1	2	2	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	2	2	2	3	****	2	1	1	2	2	1	2	2	2	2	2	2	1	2
17	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	1	1	2	1	1
20	1	1	1	1	1	2	3	3	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	****	0	0	1	1	1	1	1	1	1	1	0	0	1
22	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	1	0	1	1	0	0	1	1	0	0
23	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	1	1	1	1	1	1	0
25	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	2	1	1	1	1	1
28	1	1	1	1	1	1	2	4	3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	2	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	1
3	1	2	1	1	1	1	2	5	2	1	1	-	2	2	1	2	1	2	3	2	1	1	1	1	2
4	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
5	1	1	1	1	1	1	1	2	1	1	1	1	4	1	1	1	2	2	1	1	1	1	2	1	1
6	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	-	1	1
7	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	1	1	1	-	1	1	1	2	3	2	2	2	2	2	2	2	1
13	2	2	2	1	1	2	3	3	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
14	2	1	****	1	1	1	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	1
17	2	2	1	1	1	1	2	3	3	1	-	****	****	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	1	1	1	1	****	1	2	2	2	1	1	1	2	2	1	1
20	2	1	1	1	1	1	2	3	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	2
21	1	1	1	1	1	1	2	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
23	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
24	2	1	1	1	1	2	2	2	2	2	2	2	****	5	1	1	2	2	1	0	0	0	0	0	1
25	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	3	2	2	1	1	1	1	1
27	-	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
28	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
30	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	3	2	2	1	1	****	1	1	1	2	6	5	3	2	2	1	1	2
2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	0	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	2	2	2	1	-	1	1	1
5	1	1	1	1	0	0	1	1	2	2	2	0	1	****	1	1	1	1	2	2	2	2	3	3	1
6	3	3	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	4	3	3	3	1	2
8	1	1	1	1	1	1	2	4	3	1	-	0	1	0	0	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	3	3	2	1	1	1	****	****	0	0	1	1	0	-	-	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0
12	0	0	0	0	0	0	0	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	3	2	1	1	0	0	0	0	0	0	1	****	2	1	0	0	0	1
16	0	0	0	0	****	****	0	0	****	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	1	1	1	1	****	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	-	-	-	0
19	0	0	0	0	0	0	1	1	1	1	1	1	-	-	1	1	1	1	1	0	1	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
22	0	0	1	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
23	1	1	1	1	1	1	1	2	5	2	2	1	1	1	1	1	1	1	****	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	3	3	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2
29	1	1	1	1	1	1	3	4	4	2	2	1	****	2	2	2	2	2	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.2 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	21	2.0	3	5
MAY	31	1.4	3	8
JUN	30	1.1	3	9
JUL	29	1.0	2	8
AUG	31	0.9	1	3
SEP	30	1.0	2	4
OCT	31	1.1	2	5
NOV	30	1.1	2	5
DEC	31	0.8	2	6
YEAR	264	1.1	3	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN		DATA UNAVAILABLE					
FEB		DATA UNAVAILABLE					
MAR		DATA UNAVAILABLE					
APR	121	375	8	0	0	0	504
MAY	468	234	26	0	0	0	728
JUN	632	58	22	2	0	0	714
JUL	648	51	13	0	0	0	712
AUG	710	25	0	0	0	0	735
SEP	628	78	3	0	0	0	709
OCT	640	89	2	0	0	0	731
NOV	568	136	3	0	0	0	707
DEC	614	95	7	0	0	0	716
YEAR	5029	1141	84	2	0	0	6256

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94.8	0	0.0	0.2	0.5	0.8	1.7	2.0	2.8	3.5	9	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
2	3	2	2	2	2	2	3	3	2	2	2	****	1	1	2	3	3	3	3	3	3	3	3	3	2
3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3
5	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3	4	5	6	5	4	3	3	3	3
6	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	4	3	3	4
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3
8	3	3	3	3	3	3	3	4	4	4	3	3	4	4	4	4	4	4	4	4	4	3	3	3	4
9	3	3	3	3	3	3	4	4	4	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	5	5	5	4	3	1	2	2	2	2	2	2	2	2	1	1	2	1	2
11	1	1	1	1	1	1	2	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	:	:	1	1	:	:	:	:	:	1	1	:	:	1	:	:
13	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	1	2
14	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2
15	2	1	1	1	1	1	3	4	2	1	1	****	2	1	1	2	4	5	3	3	2	1	1	2	2
16	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2	2	****	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	3	2	3	2	2	2	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	2	1	5	2	1	2	2	1	2	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	5	4	2
22	3	2	2	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	3	4	4	3	1	1	1	4	5	2	2	3	2	2	2	2	2	3	2
25	2	2	1	1	1	2	5	7	7	6	2	1	1	1	1	1	1	3	3	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	-	1	1	1	1	1
31	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	2	1	1	****	1	1	1	1	-	-	2	1	2	2	1	1	1
6	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
7	1	1	1	1	1	1	2	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
11	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2
12	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
13	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	2	2	2	2	1	1	****	****	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	3	3	1	1	1	1	2	1	****	3	3	****	1	1	1	****	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	2	1	2
20	1	1	1	1	1	1	2	2	2	2	2	****	3	2	2	2	3	2	2	2	2	2	2	2	2
21	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1
22	1	0	1	0	0	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	1
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	******
5	- DATA INVALID -																								
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	******
7	1	1	1	1	1	2	5	4	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1
10	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	2	3	2	2	1	1
13	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	2	2	2	1	2	1	1	1	1	1
14	1	1	1	1	1	1	2	3	3	2	2	1	****	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	2	3	4	3	3	2	3	3	5	4	2	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
19	1	1	1	2	2	2	5	4	3	1	1	1	2	2	2	2	3	4	3	3	2	1	1	2	2
20	2	2	2	2	1	2	5	6	3	2	2	2	2	1	1	1	2	4	3	2	2	1	1	1	2
21	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
24	2	1	1	1	1	1	2	2	2	2	2	1	1	****	****	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
27	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	3	2	2	2	2	1	2
28	1	1	1	1	1	1	3	2	2	1	1	2	1	1	2	2	3	2	3	3	3	2	2	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	2	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 7.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	4	3	2	-	2	2	2	2	2	2	2	2	3	2	2	2	1	1	2
2	1	1	1	1	1	1	3	3	2	1	1	1	1	1	9	2	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	2	4	2	2	1	2	2	-	2	1	2	2	2	1	2	1	1	1	1	2
4	1	1	1	1	1	1	1	1	2	1	1	2	1	2	2	1	2	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
6	1	2	2	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	2	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3	2
8	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	3	2	2	2	1	1	1	-	2
9	1	1	1	1	1	1	2	3	2	3	2	2	2	2	1	3	2	3	2	2	2	2	3	3	2
10	3	2	1	1	1	1	2	2	2	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
12	2	2	1	1	1	1	1	1	1	2	2	2	3	4	3	2	2	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	2	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	****	1	1	2	1	1	1	1	1	1	2	2	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1
18	1	1	1	1	1	2	3	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2
19	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2	3	3	2
20	3	4	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	-	2	1	1
22	1	1	1	1	1	1	3	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	-	1	1
23	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	0	1	1	1	1	1	1	1	1	1	1	1	1	-	2	2	2	2	1	2	1	1	1	1
25	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
26	2	2	3	3	2	2	1	1	1	1	1	2	2	2	1	1	1	2	3	2	2	2	3	4	2
27	4	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
30	1	1	1	1	1	2	3	2	1	1	2	2	2	2	3	2	2	1	2	-	3	2	2	2	1.4
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	2	1	1	2	2	1	1	2	-	2	****	2	3	2	1	1	1	2
2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	2	3	4	4	4	4	5	5	3
3	5	5	4	4	4	5	4	4	4	4	3	3	4	3	3	3	4	4	3	4	3	4	3	3	4
4	4	3	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	5	6	8	5	3	4
5	3	2	4	4	4	4	4	3	3	3	****	3	3	3	3	3	3	3	5	3	3	4	4	3	3
6	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
7	2	2	1	2	2	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	****	2	2	2	2	2	2	3	2	3	2	2	2	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	2
11	1	1	1	1	1	0	1	1	2	2	2	2	2	2	3	2	2	2	3	3	3	2	3	3	2
12	2	2	2	2	2	5	5	4	1	1	1	1	1	2	2	2	2	2	2	2	3	2	3	2	2
13	3	1	1	1	1	4	4	2	2	2	1	1	1	1	2	2	2	1	1	1	2	1	2	1	2
14	2	1	0	0	1	2	3	3	2	2	2	2	3	3	3	3	3	2	3	3	3	3	2	-	2
15	2	2	2	2	2	3	3	2	3	2	2	2	3	2	3	3	3	2	2	3	3	3	3	3	3
16	3	3	2	2	2	2	2	3	3	2	2	3	3	3	2	2	2	2	2	3	3	4	4	4	3
17	4	2	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
18	1	1	1	1	1	1	1	1	1	1	2	2	3	2	-	2	2	3	3	3	3	3	3	3	2
19	3	3	3	3	3	3	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	4	2	0	2
20	0	0	0	1	1	1	1	1	1	2	2	****	2	1	2	2	2	2	2	1	1	2	5	4	2
21	4	4	2	0	0	3	2	2	1	2	2	2	2	2	2	2	2	2	3	3	5	6	9	7	3
22	5	4	3	3	3	5	4	3	3	3	3	3	****	2	1	2	2	1	2	2	2	5	4	5	3
23	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	3	5	3	1	2
24	1	1	1	1	1	2	2	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	****	1	1
25	2	****	****	****	****	****	****	****	****	****	****	0	0	****	1	1	0	1	1	1	1	****	****	1	******
26	2	1	1	2	2	2	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1	1	2
27	2	****	2	1	1	1	2	2	1	2	2	1	****	2	2	2	2	2	2	2	2	2	2	2	2
28	1	2	2	1	1	2	2	1	0	1	1	1	1	1	1	1	1	1	2	3	2	2	0	1	1
29	0	0	****	****	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
30	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	1	2	1
31	2	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2.1

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	0	1	0	1	0	0	0	0	1
2	0	0	0	0	0	2	2	2	1	1	1	1	2	2	3	2	2	2	2	3	3	6	8	4	2
3	2	2	2	1	1	2	2	2	2	2	2	1	****	1	2	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	2	2	1	1	1	1	1	****	1	1	1	2	2	2	2	3	3	2	2	2
6	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2	1	2	2
7	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	1	2	2	1
8	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	****	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	1
12	3	3	2	2	2	2	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2
13	4	4	3	3	3	4	5	4	3	4	4	3	3	4	4	3	3	3	3	4	4	4	4	4	4
14	4	4	4	4	4	4	4	4	****	****	4	4	3	3	3	3	4	4	4	4	4	5	4	4	4
15	5	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4
16	3	3	3	3	3	3	3	3	3	3	****	2	3	2	****	3	3	2	3	3	3	3	3	3	3
17	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	4	4	3	3	3	3	3	3	3	3	4	4	4	3	3	5	6	4	5	5	4
19	5	4	4	3	3	4	3	4	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	3
20	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
21	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	4	4	3	4	2	
22	6	4	3	2	3	3	2	2	2	3	2	2	2	2	2	2	1	2	2	3	3	2	2	3	
23	2	2	2	2	2	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	3	4	2	
24	3	3	3	2	2	5	4	3	3	3	2	3	****	2	2	2	-	2	2	3	5	6	7	2	
25	3	3	2	2	2	4	5	4	3	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	3	2	
27	2	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	2	2	2	2	1	
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2.0	

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	2	2	2	2	2	1
2	2	2	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	4	4	2	2
4	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	2
5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1
8	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
9	1	1	1	1	1	2	3	2	2	2	2	2	1	2	2	2	2	3	2	2	3	2	2	2	2
10	2	2	2	2	2	3	4	2	2	2	2	2	****	1	2	1	1	1	1	1	1	1	2	2	2
11	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	:	1	1	1	1	:	1	:	1	:	:	:	:	:	1	1	:	1	:	:	*
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1
14	1	1	1	1	1	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1
15	1	1	1	1	1	3	3	2	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
16	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
17	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	2	2	2	2	2	2	2	****	1	1	1	1	1	2	3	3	2	2	2	2
19	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	3	3	4	5	3	3	3
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2
22	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2	3	3	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
25	3	3	3	2	2	3	2	2	2	2	****	1	1	1	2	2	1	2	2	2	3	3	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
28	2	2	2	2	2	2	2	3	3	3	2	2	3	2	-	-	2	2	2	2	-	-	-	1	2
29	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2
30	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	3	3	3	2	2	2	2
2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	2	1	1	2	1	1	2	2	2	2	2
3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
5	1	1	1	1	1	2	2	2	2	3	3	4	3	3	2	2	2	2	3	2	2	2	2	2	2
6	2	1	1	1	2	2	2	2	2	2	6	****	2	2	2	2	2	****	1	1	3	2	2	2	2
7	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2
8	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	****	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1
11	1	1	1	1	1	1	2	1	1	1	1	2	1	2	2	2	****	2	2	1	2	2	1	:	*
12	1	1	1	1	1	1	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	2	2	2	2	2	1
14	1	1	1	1	1	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1
18	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
19	2	2	2	2	2	3	****	3	2	3	2	2	2	3	3	2	2	2	2	3	2	2	2	2	2
20	2	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2
21	1	1	-	****	1	2	2	2	2	2	****	1	1	1	1	1	2	1	1	1	1	1	1	1	1
22	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
23	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	3	3	2	1
25	2	1	1	2	1	4	4	5	6	3	2	2	****	2	2	2	2	2	3	4	3	3	3	2	3
26	2	2	2	2	2	3	5	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2
28	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
29	2	2	2	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	3	4	3	3	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2
2	2	2	2	2	2	2	3	3	2	2	3	3	2	2	2	1	2	1	2	2	2	2	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	2	2	1
4	1	1	1	1	1	2	2	2	2	1	****	****	2	2	2	2	3	3	3	-	3	3	4	3	2
5	2	2	2	2	2	2	2	2	1	2	2	1	2	1	1	1	1	1	1	2	2	2	4	2	2
6	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	3	3	3	2	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2
9	1	1	1	1	1	3	4	5	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
11	1	2	1	1	1	2	2	1	2	2	2	****	1	1	1	1	1	1	2	2	2	2	2	2	2
12	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	3	2	2	3	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
15	1	1	1	1	1	2	2	-	1	1	2	1	2	1	2	2	1	2	2	3	3	3	3	2	2
16	2	2	2	1	2	4	5	2	2	2	****	****	2	2	3	2	3	2	3	2	2	2	2	1	2
17	1	2	1	1	1	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	3	3	2	1	1	1	****	1	1	1	1	1	1	3	2	2	2	2	1	1
19	1	1	1	1	2	4	9	4	1	1	1	1	1	1	1	1	2	2	2	3	2	3	2	2	2
20	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
21	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	3	4	3	2	2	3	2	2	2
22	1	1	1	1	1	1	2	1	1	1	****	2	1	1	4	4	5	5	5	4	5	4	4	4	3
23	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	4
25	3	3	3	3	3	4	4	5	4	4	5	****	4	5	5	5	7	6	5	5	5	5	4	4	4
26	4	4	4	4	3	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	-	4	4	3	4	3	4	4	3	3	4	4	4	4	4	4	4	4	4	4
28	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	3	3	3
29	3	3	3	3	3	4	5	5	4	4	****	2	2	2	2	3	3	3	4	3	3	3	3	3	3
30	2	3	2	2	3	8	8	7	4	3	3	2	2	2	3	-	4	4	3	3	3	4	3	3	4
MEAN	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2.2

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	5	6	7	5	3	3	2	2	2	3	2	3	2	2	2	2	2	2	2	3
2	2	2	2	2	2	3	2	2	3	3	9	2	2	2	2	-	3	****	3	3	2	2	2	2	3
3	3	****	3	4	3	6	3	****	****	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3
4	2	3	3	2	2	3	4	3	4	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	3	3	3	3	****	1	1	1	1	1	2	-	2	2	2	1	1	1	2
7	1	1	1	1	1	3	4	4	2	2	2	2	2	1	2	2	2	3	5	4	4	4	6	5	3
8	3	3	2	2	2	7	5	2	2	-	-	4	2	2	2	2	2	2	2	2	2	2	1	1	2
9	1	1	1	1	1	3	3	3	2	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2
10	2	2	1	1	1	4	5	4	2	2	2	2	2	2	2	3	3	3	3	2	2	3	2	2	2
11	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	3	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
14	2	1	1	1	2	2	3	3	2	1	1	1	1	1	1	2	2	2	3	4	2	3	3	3	2
15	2	1	1	1	1	2	2	2	1	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
16	1	1	1	1	1	3	2	2	2	2	2	6	2	2	3	3	3	3	3	2	2	2	1	1	2
17	1	1	1	1	1	2	3	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2
18	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	2	2	2	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	4	5	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	2	4	3	1	1	9	2	2	2	2	2	3	3	4	2	2	2	2	2	2
24	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	2	2	2	2	2	-	1	1	1	2	2	2	2	2	2	2	2
28	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	2	2	2	1	1	1	1	1
30	1	1	1	1	1	1	2	2	2	2	2	6	1	1	1	2	2	2	2	1	2	2	2	2	2
31	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	2	1	1	1
MEAN	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	3	4	4	3	2
3	2	2	1	1	1	2	5	4	3	2	2	2	3	2	2	3	4	4	3	4	3	2	2	2	3
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
6	2	2	2	2	2	2	2	3	2	2	2	2	2	6	2	2	3	3	2	2	2	2	2	2	2
7	2	2	2	2	2	2	9	8	4	3	3	3	3	3	4	7	5	5	3	3	3	2	2	2	4
8	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	5	3	2	2	2	2	2
9	2	2	2	2	1	2	2	2	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	3	3	3	4	4	3	3	3	2	****	1	2	4	6	6	4	4	4	6	4	2	3
14	2	2	****	****	****	****	****	****	****	****	****	****	1	1	1	1	2	1	1	1	1	1	1	1	******
15	1	1	1	1	1	2	3	2	2	2	2	2	2	1	1	1	2	2	1	1	2	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	5	7	6	3	2
17	3	2	2	1	1	1	5	6	5	3	-	2	2	2	2	2	2	2	1	1	1	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1
19	1	1	1	1	1	1	3	4	5	4	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
20	2	2	3	3	3	3	3	5	6	4	3	3	2	2	2	2	2	4	2	2	2	3	2	2	3
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
22	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	4	5	3	3	2	3	3	3	3	4	3	2	2	2	2	2	3	3
24	3	2	2	2	2	2	4	5	4	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3
25	2	1	1	1	1	1	1	2	2	1	1	1	1	****	1	2	2	1	1	1	1	2	2	2	1
26	2	1	1	1	1	1	2	2	3	2	2	2	1	2	1	2	2	4	12	10	13	10	8	9	4
27	-	2	2	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2	3	2	2	2	3	3	2	2	2	2
29	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	1	1	2	2	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2
MEAN	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	2	2	3	4	3	3	3	2	1	1	1	3	3	3	3	3	3	2	2	1	2
2	1	1	1	1	1	1	2	2	3	3	3	3	3	2	3	3	2	2	1	1	1	1	1	1	2
3	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	1	0	0	0	2	3	2	1	1	1	1	1	1	1	2	2	2	2	2	3	-	3	1
5	1	1	1	1	1	1	2	2	2	1	1	2	****	1	2	2	2	5	7	8	3	3	5	4	3
6	4	3	2	2	2	2	4	3	0	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2
7	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	2	3	2	3	3	5	6	6	6	3
8	5	4	3	3	2	3	5	5	5	5	-	5	4	3	2	4	2	2	2	2	2	2	1	1	3
9	1	1	1	1	1	1	3	3	5	3	2	2	2	3	3	3	3	3	3	2	-	-	2	3	2
10	3	3	2	2	2	2	2	2	2	2	2	2	****	1	1	1	****	****	1	1	1	1	1	1	2
11	1	1	1	1	1	1	3	5	6	3	2	2	1	1	1	2	2	2	2	2	-	-	-	1	2
12	1	1	2	1	2	1	3	9	9	5	4	2	2	4	4	6	5	5	4	4	4	4	3	1	4
13	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	2	6	4	3	3	2	2	2	2	2	4	4	3	****	2	2	2	2	1	2
16	1	1	1	1	1	1	2	2	3	2	1	2	2	1	1	2	2	2	2	2	2	2	1	1	2
17	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	2	2	1	1	****	2	2	2	2
18	1	2	2	2	2	2	2	1	1	1	1	1	1	****	1	1	2	2	2	1	1	-	-	-	1
19	1	1	1	1	1	1	1	1	1	1	1	1	-	-	1	1	1	2	2	2	2	2	1	2	1
20	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	2	1	1	2	1
22	3	3	3	3	2	4	10	3	3	2	2	3	3	2	2	4	3	3	2	2	2	1	2	2	3
23	2	1	2	2	2	2	5	5	5	7	4	3	3	2	2	2	2	2	****	3	3	3	3	3	3
24	2	2	2	2	2	2	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	4	4	4	4	7	9	4	2
26	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
27	3	3	4	3	3	3	3	3	4	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
28	2	2	1	1	1	1	2	2	2	3	4	2	2	2	2	2	2	2	2	3	2	2	2	2	2
29	2	2	2	2	2	2	3	3	4	5	4	3	3	3	3	3	3	3	2	2	2	2	2	2	3
30	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2
31	2	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	-	2
MEAN	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.9	4	7
FEB	29	1.2	2	3
MAR	28	1.3	2	6
APR	30	1.4	2	9
MAY	30	2.1	4	9
JUN	30	2.0	4	8
JUL	31	1.7	3	5
AUG	31	1.7	3	6
SEP	30	2.2	4	9
OCT	31	1.9	3	9
NOV	29	2.0	4	13
DEC	31	2.0	4	10
YEAR	361	1.8	4	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	395	270	71	0	0	0	736
FEB	558	122	0	0	0	0	680
MAR	518	161	11	0	0	0	690
APR	458	245	8	1	0	0	712
MAY	206	442	69	1	0	0	718
JUN	281	347	81	0	0	0	709
JUL	269	461	6	0	0	0	736
AUG	302	413	13	0	0	0	728
SEP	231	379	96	1	0	0	707
OCT	285	417	30	2	0	0	734
NOV	258	392	50	6	0	0	706
DEC	290	369	59	4	0	0	722
YEAR	4051	4018	494	15	0	0	8578

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
97.7	0	0.2	0.6	1.1	1.7	2.7	3.2	4.0	4.8	13	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	1	2	****	2	2	2	2	2	2	2	2	2	1	1	2	2
3	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
4	2	2	2	1	1	1	2	4	5	4	4	3	2	2	2	3	3	2	2	2	2	2	2	2	2
5	2	2	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	3	2	2	2	2	2
6	2	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	1	2	2	2
7	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
8	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	2
10	2	1	1	1	1	2	3	5	5	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
11	2	2	2	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	1	2	1	1	2	1
13	2	2	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	1	1	2
14	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
15	2	2	1	1	2	2	2	4	6	5	4	2	2	2	2	2	2	****	2	3	2	2	1	1	2
16	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
17	2	2	1	1	1	2	2	6	4	3	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2
18	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
19	2	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1
20	2	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	2	2	2	2	1	1	1
21	1	1	1	1	1	1	2	3	2	1	2	****	2	2	2	2	2	2	2	2	4	3	2	2	2
22	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
23	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	2	2	2	2	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
25	2	1	1	2	2	2	3	5	4	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
26	2	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
27	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	1	2	2
28	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
29	2	1	1	1	1	1	2	3	3	2	2	2	****	2	2	2	2	2	2	1	1	1	2	2	2
30	2	2	1	1	1	1	2	3	3	2	2	2	2	****	2	2	2	2	2	2	2	1	1	1	2
31	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
MEAN	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	1	2	2	2
3	2	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	1	1	1	1	1	3	4	4	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
6	2	2	2	1	2	2	3	4	4	3	3	2	2	2	2	2	3	3	2	3	2	2	2	2	2
7	2	2	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	2
8	2	1	1	1	1	1	2	4	3	2	2	****	2	2	2	2	2	2	3	2	2	2	2	2	2
9	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
10	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	1	1
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2
12	1	1	1	1	1	1	2	4	5	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2
13	2	1	1	1	1	2	2	3	3	2	2	2	2	2	****	1	1	1	2	1	1	2	2	2	2
14	1	1	1	1	1	1	2	2	3	2	1	1	2	1	1	1	1	2	2	2	2	2	2	1	2
15	1	1	1	1	1	1	3	4	6	3	2	2	2	1	2	1	1	2	2	3	2	2	1	1	2
16	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2
17	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	2	1	1	2	1	1	1
19	1	1	1	1	1	1	2	2	2	2	1	****	2	****	2	2	4	2	4	7	7	3	2	2	2
20	1	1	1	1	2	2	3	6	3	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2
21	****	2	1	1	1	1	2	3	4	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	4	4	****	4	3	1	1	2	2
23	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2
24	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
25	1	1	1	1	1	1	2	3	3	2	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	2	2	****	****	2	2	2	2	2	2
28	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
MEAN	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	2	2	2	1	2	2	2	2	2	2
3	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	2	3	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
5	2	1	1	1	1	2	2	3	4	3	2	2	2	2	3	2	2	2	1	1	1	1	1	1	2
6	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
7	2	2	1	1	2	2	3	3	4	3	2	2	2	2	2	2	1	2	2	3	3	3	2	2	2
8	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	1	1	1	1	2	2	2	2	****	1	1	2	2	2	2	2	2	1	1	1	1	2
11	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
13	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2
14	1	1	1	1	1	1	3	4	4	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	1
16	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	2
17	1	1	1	1	1	2	4	10	11	9	4	2	1	2	2	3	3	****	5	4	2	1	1	1	3
18	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1
19	1	1	2	2	2	2	4	4	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2
20	3	3	2	2	3	3	7	11	3	3	2	1	1	1	1	1	1	2	3	4	3	2	1	1	3
21	1	1	2	2	1	1	1	1	3	3	3	****	4	2	2	2	2	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1
23	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	1	2	1	2	2	2	2	3	3	3	2	2	2	2
25	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
26	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1
27	1	1	1	1	1	1	3	6	4	2	1	1	1	1	2	2	2	1	****	2	2	2	1	1	2
28	1	1	1	2	1	1	3	5	5	4	2	1	1	1	2	2	3	2	3	3	5	3	2	2	2
29	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	2	3	3	2	3	3	2	2	2	2
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	****	2	2	2	2	3	1
MEAN	1	1	1	1	1	1	2	3	3	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	1	1	1	3	5	4	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2
2	2	2	1	1	1	1	2	4	4	3	3	2	1	1	1	1	2	3	2	2	1	1	1	1	2
3	1	1	1	1	1	1	2	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	3	2	1	1	1	1	1	2	2	2	2	2	2	3	2	1	2	1	2
8	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1
9	1	1	1	1	1	2	2	3	2	1	2	1	1	2	1	2	****	2	2	3	2	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1
12	2	2	1	1	1	1	1	2	1	2	****	2	2	2	2	2	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
15	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1
16	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
17	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1
18	1	1	1	1	1	1	2	3	3	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2
19	2	2	2	1	1	1	2	2	2	2	1	1	2	****	2	2	2	2	3	4	5	5	5	5	2
20	3	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	1	1	1	1
21	1	1	1	1	1	1	2	3	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2
22	2	2	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1
24	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	3	3	2	2	1	1	2	1	1	1	2	1	1	2	2	2	1	1
26	2	2	2	1	1	1	2	2	1	1	1	1	1	1	2	1	2	3	2	3	3	2	3	3	2
27	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	2	2	3	3	2	1	2	2	2	1	1	2	2	3	3	3	4	5	5	4	2
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	4	4	3	2	2	2	2	1	1	1	1	1	1	3	4	2	1	1	2
2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	3	2	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
6	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
12	2	2	1	1	1	2	3	2	1	:	:	1	1	: ****	-	*	*	:	1	2	2	2	2	*	1
13	1	1	1	1	1	1	3	3	2	2	2	3	2	2	2	1	1	2	1	2	2	2	1	1	2
14	1	1	1	1	1	1	2	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
15	1	1	1	1	1	1	2	3	2	1	1	1	2	1	1	2	2	1	1	1	2	3	2	1	1
16	1	1	1	1	2	2	4	3	3	2	2	1	1	1	1	1	1	1	1	1	2	5	4	4	2
17	3	3	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
20	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	2
21	4	3	1	1	1	2	4	5	4	2	2	3	3	2	2	1	1	1	1	2	2	2	1	1	2
22	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
23	1	1	1	1	2	4	3	2	2	2	2	2	2	1	1	1	1	1	2	6	4	1	1	1	2
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	2	2	2	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
28	1	1	1	1	1	2	3	3	3	2	2	1	2	1	1	1	1	1	2	2	2	3	3	3	2
29	3	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
30	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	1	1	3	2	1	1	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1.4

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2
3	1	1	1	1	1	2	3	3	2	2	2	2	1	2	1	2	2	2	2	2	2	1	1	1	2
4	1	1	1	1	1	2	2	2	2	****	1	1	1	1	1	1	2	1	2	1	2	2	1	1	1
5	1	1	1	1	1	2	4	4	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2
6	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	4	4	3	2	2	1	2
7	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1
9	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	2	3	2	1	1	****	1	1	1	1	1	1	1	1	1	2	2	3	2	1
12	2	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
13	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	1	3	3	3	4	2
14	4	4	2	2	1	1	3	2	2	2	1	2	1	1	2	2	1	1	2	1	1	1	1	1	2
15	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	2	2	1	1	1	1	2	2	3	3	3	2	2	2	2	2	1	1	2
19	1	1	1	1	1	2	5	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	****	1	1	1	2	2	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
22	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
23	2	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1
24	1	1	1	1	1	2	4	3	3	2	1	1	2	2	1	1	1	1	1	2	1	2	3	1	2
25	0	0	0	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1
26	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
27	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	2	1	2	2	2	2	1	2
3	1	1	1	1	1	1	3	3	3	3	2	2	1	2	2	2	1	1	1	1	1	2	1	1	2
4	1	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1	1	1	****	1	2	3	4	5	2
5	4	5	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1
7	1	1	1	1	1	1	1	2	1	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1
9	0	0	0	0	1	1	3	4	3	1	1	1	1	1	1	1	2	2	2	3	4	4	6	6	2
10	3	2	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	2
11	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1	1
14	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	2	2
15	2	2	1	1	1	1	3	4	3	3	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2
16	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
17	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	1	1	1	3	3	2	1	1	1	1	1	0	0	0	1	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1	1
20	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	4	5	3	2	2	2
21	2	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	1
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	******
23	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
25	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	1
27	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1
28	1	1	0	1	1	1	2	2	2	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	****	1	1	1	2	2	1	2	3	3	4	4	5	4	2
30	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
31	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.3

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	2	3	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	3	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
5	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	4	4	2	1	2
7	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	1
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	****	****	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	2	2	2	2	3	2	2
11	2	2	2	2	1	2	4	5	5	2	1	1	1	1	1	1	2	1	2	2	1	1	1	2	2
12	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	2	2	2	1	1	2	1	1	1
13	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
14	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
18	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	2	2	2	4	2	2	3	3	2
19	3	2	1	1	1	2	4	3	2	1	1	1	1	1	1	2	1	1	2	3	4	5	5	4	2
20	2	1	1	1	1	2	4	4	2	1	1	1	2	1	1	1	1	2	2	2	2	3	1	1	2
21	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
22	1	1	1	1	1	1	1	1	2	2	1	2	3	2	2	1	2	2	2	3	1	3	3	3	2
23	3	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	2	1	1
25	1	1	1	1	1	2	4	5	3	2	2	1	1	1	1	2	1	1	1	1	1	2	3	2	2
26	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
27	1	1	1	1	1	2	2	2	1	1	1	****	1	1	1	2	1	2	2	3	2	1	1	1	1
28	1	1	1	1	1	1	3	3	3	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	2
29	1	1	1	1	1	1	3	2	1	1	1	****	1	1	1	1	1	1	2	2	3	2	2	4	2
30	4	3	3	2	2	2	3	2	3	2	1	2	1	1	1	1	1	1	1	3	4	2	2	2	2
31	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	1	1	1	1	1
2	1	1	1	1	1	2	3	3	3	2	3	3	1	1	1	2	2	****	1	2	2	2	2	1	2
3	1	1	1	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	2
4	4	3	3	3	3	4	7	8	1	2	1	1	1	2	2	1	1	1	2	3	2	2	2	1	3
5	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1
8	1	1	1	1	1	2	5	6	4	3	1	1	1	1	1	1	1	1	****	3	3	4	3	3	2
9	3	2	2	1	1	1	5	7	3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
11	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	2	3	3	1	1	1	1
12	1	1	1	1	1	1	2	3	2	2	1	2	3	3	3	3	3	3	****	4	3	3	3	2	2
13	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	3	3	4	2	3	2	2
14	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
15	1	1	1	1	1	2	3	4	3	2	3	2	2	1	1	1	****	1	1	1	3	4	4	3	2
16	4	3	2	2	3	4	6	5	2	1	1	1	1	1	1	1	1	2	2	4	3	2	2	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
18	1	1	1	1	1	2	4	6	4	3	3	1	2	1	1	1	1	2	2	2	4	3	2	1	2
19	1	1	2	2	1	2	4	3	3	2	1	1	1	1	1	1	****	3	3	3	3	2	2	2	2
20	2	2	2	2	3	3	4	3	2	1	1	1	1	2	2	1	2	3	3	2	2	2	1	1	2
21	1	1	1	1	1	1	1	1	1	1	2	3	1	2	2	1	****	1	1	2	1	1	1	1	1
22	1	1	1	1	1	2	3	4	2	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
23	1	1	1	1	1	1	3	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1	1
24	1	1	1	1	1	3	6	6	3	1	1	1	1	1	1	2	****	2	4	3	1	1	1	1	2
25	1	2	2	1	2	3	5	5	6	5	5	3	4	4	4	3	3	3	4	3	3	2	3	2	3
26	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
27	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	****	2	2	2	2	2	2	1
28	2	1	1	1	1	1	3	1	1	2	2	2	2	2	2	2	1	2	4	3	3	3	3	3	2
29	2	2	2	2	2	4	6	8	7	2	2	2	2	2	2	3	2	2	3	3	4	5	5	4	3
30	4	3	3	3	3	5	12	11	5	4	4	3	2	2	2	2	3	3	3	3	4	4	4	4	4
MEAN	2	1	1	1	1	2	4	4	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	3	5	7	10	3	2	1	****	1	1	1	2	2	2	2	2	2	1	1	1	3
2	1	1	1	1	1	2	3	3	2	2	1	2	1	1	3	3	3	3	5	6	5	4	3	3	3
3	3	3	2	2	2	3	7	6	3	2	2	3	3	4	4	4	4	4	4	3	2	1	2	2	3
4	2	3	3	3	1	3	3	****	****	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	3	2	2	2	1	1
6	1	1	1	1	1	3	4	3	2	1	1	1	1	2	2	2	2	2	3	2	2	2	1	1	2
7	1	1	1	1	2	4	7	8	5	4	3	2	3	3	3	2	2	2	5	5	3	3	4	3	3
8	2	1	1	1	2	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
9	1	1	1	1	2	5	6	4	3	2	2	2	2	2	2	2	2	2	4	4	3	4	3	3	3
10	2	2	1	1	2	4	8	11	6	2	2	2	3	2	2	2	2	2	****	5	5	6	7	5	4
11	5	4	3	3	4	5	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1
14	1	1	1	1	1	3	5	5	4	3	2	2	3	3	2	3	3	3	3	2	2	2	2	2	2
15	2	2	2	1	2	3	3	6	5	3	3	****	4	4	3	4	3	3	4	3	3	4	4	3	3
16	3	3	3	3	2	4	5	7	6	6	5	4	5	4	5	5	5	4	5	5	4	4	3	2	4
17	1	2	2	2	3	2	4	4	4	4	4	4	5	4	4	3	2	2	2	2	1	1	1	1	3
18	1	1	1	1	1	1	2	2	****	2	2	2	1	1	1	2	2	3	2	3	2	1	2	2	2
19	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	1	2
20	1	1	1	1	1	2	4	5	3	3	2	2	2	2	3	3	3	****	3	4	2	3	2	2	2
21	1	1	1	2	3	5	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
22	1	1	1	1	1	2	4	4	2	2	2	2	1	2	2	3	3	3	2	2	2	2	3	2	2
23	2	1	1	1	1	3	7	8	6	3	2	2	2	2	2	4	2	3	3	2	2	1	1	1	3
24	1	1	1	1	1	1	2	2	2	3	2	2	3	2	2	3	2	2	4	2	2	1	1	1	2
25	1	1	1	1	1	1	2	2	2	2	2	2	3	4	4	5	3	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	****	4	3	4	3	3	3	3	2
28	2	2	1	1	2	2	3	5	5	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	2
29	1	1	1	1	1	1	2	4	4	2	2	2	1	1	2	2	2	3	4	3	2	2	1	2	2
30	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2	3	3	2	****	2	2	2	1	2
31	1	1	1	1	1	1	2	4	4	2	2	1	1	1	1	2	2	3	4	3	2	3	2	1	2
MEAN	2	1	1	1	2	2	4	4	3	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	6	5	4	3	2
3	3	3	3	3	2	2	1	3	2	2	2	3	2	2	2	4	4	4	5	7	6	3	1	1	3
4	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	3	3	4	3	2	1	1	1	1	2
5	1	1	1	1	1	1	2	4	4	2	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2
6	2	1	1	1	1	1	3	4	4	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
7	1	1	1	1	1	1	3	4	4	3	2	3	3	4	4	5	5	5	4	4	3	2	2	2	3
8	1	1	1	1	1	1	1	2	2	3	3	2	3	2	2	1	2	3	4	4	2	1	1	1	2
9	1	1	2	2	1	1	1	3	2	3	2	2	2	2	2	2	2	2	3	2	2	2	1	1	2
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	3	4	2	1	2	2	2	1	2	2	2	2	1	1	1	1	1	2
12	1	1	1	1	1	1	3	4	4	2	2	2	2	2	2	3	4	5	6	6	5	4	4	3	3
13	5	4	4	3	3	2	3	7	7	5	3	3	3	3	3	3	3	4	4	4	4	5	5	4	4
14	4	4	4	3	2	2	3	4	4	3	3	2	2	2	2	3	4	4	4	3	3	3	3	3	3
15	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2
16	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	3	4	4	5	5	6	5	7	3
17	5	5	4	4	4	4	5	8	9	7	3	1	-	-	-	-	-	-	4	4	4	4	3	3	5
18	2	2	1	1	1	1	3	4	5	5	3	3	2	3	3	3	3	4	2	3	2	1	1	1	2
19	1	1	1	1	1	2	2	3	4	3	2	2	2	2	3	3	4	4	3	3	3	2	2	4	2
20	3	3	2	3	3	3	4	5	4	4	4	3	2	3	2	3	3	3	4	3	3	3	3	2	3
21	2	2	1	2	2	2	2	3	4	3	2	2	2	2	2	2	3	2	2	2	2	1	1	2	2
22	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
23	4	4	4	3	3	2	3	4	4	2	3	3	3	3	4	4	5	4	4	3	3	3	4	3	3
24	3	3	2	2	3	4	6	8	9	7	6	5	5	5	4	4	4	5	4	4	3	3	2	2	4
25	1	1	1	1	1	1	2	4	4	2	2	1	2	2	1	2	3	3	3	3	3	3	2	2	2
26	2	1	1	1	2	1	2	5	5	4	3	2	2	2	2	3	4	6	7	7	7	4	4	5	3
27	5	5	5	4	4	4	1	3	2	2	2	1	2	3	3	4	4	3	2	3	3	2	2	1	3
28	1	1	1	1	1	1	1	3	4	4	3	2	3	4	3	4	4	4	3	3	3	3	3	3	3
29	3	2	1	1	1	1	1	2	2	2	3	2	2	2	1	2	2	3	3	3	2	2	2	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	3	2	1
MEAN	2	2	2	2	2	2	2	4	4	3	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	3	5	5	4	3	2	2	2	2	3	4	5	****	8	7	6	5	3	3
2	1	1	1	1	1	1	2	4	5	5	5	3	2	3	1	2	2	2	1	2	1	1	1	1	2
3	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	4	2	3	2	1	2	2	2
4	1	1	1	1	1	1	3	5	6	5	5	5	4	4	4	5	5	5	5	6	5	5	5	5	4
5	4	4	3	2	1	1	3	6	8	6	4	2	2	2	2	2	4	5	6	7	8	8	8	8	4
6	7	6	5	4	4	4	4	5	6	6	6	2	1	2	2	3	2	2	3	4	3	2	1	2	4
7	2	3	3	1	2	2	2	4	4	2	3	4	4	4	5	5	6	7	8	9	9	7	8	8	5
8	8	6	6	5	4	4	4	9	9	7	6	1	1	1	****	3	4	3	3	2	1	1	1	1	4
9	1	1	1	1	1	1	3	5	5	4	3	3	2	2	2	3	3	4	4	4	4	2	2	1	3
10	1	1	1	1	1	1	3	5	5	3	2	2	1	1	2	2	3	1	2	2	1	1	1	2	2
11	1	1	1	1	1	2	3	6	6	4	2	1	2	2	2	1	2	2	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	2	3	2	3	1	1	4	6	6	5	4	2	3	2	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	2	3	3	2	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	2	1	1	1	1
15	1	1	1	1	1	1	3	5	7	4	2	2	2	4	4	6	7	8	7	6	5	5	5	5	4
16	5	4	2	1	1	2	4	7	6	4	4	3	3	3	3	4	5	5	3	4	4	3	2	1	3
17	1	1	1	1	1	1	4	6	6	4	4	3	2	5	4	4	4	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	3	4	3	2	1	1	1	1	2	2	3	2	1	1	1	1	1	1	2
19	1	1	1	1	1	1	2	4	5	2	2	1	1	1	1	2	4	5	5	4	4	2	2	1	2
20	1	1	1	1	1	1	1	1	1	3	5	1	1	1	1	1	2	2	3	3	1	1	****	****	2
21	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
22	1	1	1	1	0	1	3	5	5	5	2	1	2	3	4	2	2	4	2	1	1	4	5	5	3
23	5	4	3	1	1	2	5	7	7	5	4	3	2	2	2	2	2	2	2	2	3	3	3	2	3
24	1	1	2	1	1	1	3	5	5	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	2	2	3	2	2	3	2	3	2
26	3	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	3	5	5	5	5	4	4	3	3
27	3	4	4	4	3	3	3	5	8	7	6	6	6	7	7	6	5	6	6	8	7	7	7	7	6
28	5	5	5	5	5	5	5	6	6	5	3	1	1	2	1	3	4	2	4	5	6	5	4	4	4
29	1	1	1	1	1	2	5	6	8	7	6	7	6	6	5	5	6	7	5	5	5	3	2	1	4
30	1	1	1	1	1	1	1	4	4	2	1	2	****	4	4	5	5	6	5	5	4	5	5	5	3
31	4	4	2	2	2	2	4	7	6	6	6	6	6	6	2	3	5	6	5	6	6	4	3	2	4
MEAN	2	2	2	2	1	2	3	4	5	4	3	2	2	3	3	3	3	4	3	4	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	2	6
FEB	29	1.7	2	7
MAR	31	1.7	3	11
APR	30	1.4	2	5
MAY	31	1.4	2	6
JUN	30	1.3	2	5
JUL	30	1.3	2	6
AUG	31	1.5	2	5
SEP	30	1.9	4	12
OCT	31	2.3	4	11
NOV	30	2.5	5	9
DEC	31	2.8	6	9
YEAR	365	1.8	6	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	291	432	15	0	0	0	738
FEB	279	387	20	0	0	0	686
MAR	349	365	20	4	0	0	738
APR	489	212	14	0	0	0	715
MAY	541	184	15	0	0	0	740
JUN	525	182	9	0	0	0	716
JUL	548	148	21	0	0	0	717
AUG	478	238	20	0	0	0	736
SEP	367	283	59	2	0	0	711
OCT	237	391	105	2	0	0	735
NOV	196	370	146	2	0	0	714
DEC	282	206	246	4	0	0	738
YEAR	4582	3398	690	14	0	0	8684

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.9	0	0.2	0.6	0.9	1.6	2.8	3.6	4.9	5.9	12	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	****	0	0	0	0	0	0	1	1	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	1	1	1	0	0	1	2	2	2	3	3	2	1	1	1	1	1
5	1	1	1	1	****	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	2	1	2	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	1	****	****	1	1	1	1	2	2	2	2	2	1	2	1	1
10	2	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	1	2	2	2	2	2	1
11	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
14	2	2	2	2	2	2	2	4	4	3	2	3	3	3	4	3	4	6	7	7	6	7	6	4	4
15	4	3	2	3	2	2	2	4	4	3	****	1	1	1	1	1	2	2	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	****	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	1	2	2	3	3	8	5	3	3	3	3	3	3	3	4	3	2	2	3	2	2	3
19	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2
20	****	2	2	1	2	2	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	2	2	2	2	2	2	2	2	2
22	2	2	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	4	4	5	5	3	3
29	2	2	2	2	2	2	3	3	4	3	****	0	0	0	0	0	0	0	0	0	3	2	2	2	3
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	-	0	0	0	0	0
31	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	1	2	2	2	2	2	1
6	1	1	1	1	1	1	1	2	3	2	****	1	1	1	1	2	2	3	3	3	4	4	2	3	2
7	3	3	3	2	2	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
8	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2
9	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
11	3	3	3	2	2	2	2	3	4	5	6	4	3	3	3	3	3	3	3	4	4	3	3	3	3
12	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
13	2	2	2	2	2	2	3	4	4	****	****	1	1	2	1	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
15	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	1	1	****	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
18	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	2	2	3	2	2	2
20	2	2	1	1	1	1	2	3	3	2	****	2	2	2	1	2	2	3	3	3	3	5	3	3	2
21	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	2	1	1	2	2	2	****	2	2	2	2	2	2	2	2	2	2
23	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	2	3	5	5	4	2
27	4	3	2	2	2	2	****	3	3	2	0	2	2	2	3	3	3	3	3	3	3	3	3	2	3
28	2	2	2	2	2	2	2	3	2	2	****	****	2	2	2	2	2	2	2	2	3	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	2
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	2
2	4	3	3	3	3	2	3	3	3	2	2	2	2	2	2	3	3	3	4	4	3	3	4	3	3
3	4	4	5	4	4	4	4	6	6	7	7	4	3	3	4	3	****	4	4	4	4	4	4	4	4
4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
5	5	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	3	3	4
6	3	3	3	3	3	3	3	3	3	3	****	1	1	1	1	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	4	4	3	3	3	2
8	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
10	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	3	2	2	2	2	3
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	2	2	1	1	2	2	2	1
18	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3	2	2	2	3	2	3	2	2	2
20	2	1	1	1	2	1	2	3	3	2	2	2	3	****	2	3	3	3	3	3	3	2	3	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
22	1	2	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	3	3	4	3	2	2	2
23	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	1	5	0	0	0	0	1	1	1	1	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1
28	3	1	1	0	0	0	1	3	2	3	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1
29	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	2	1	1
30	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1
31	1	1	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1
MEAN	2	2	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	2	3	4	3	2	2	2	1
2	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	0	1	1	0	0	1	-	1	1	1	1	1	2	3	3	3	2	1	1
4	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	2	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
8	1	1	1	1	1	1	2	3	2	2	****	0	0	1	1	1	1	2	1	1	1	1	1	-	1
9	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
14	0	0	0	0	0	0	0	0	1	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
17	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
18	2	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2	3	2
20	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	-	3	2
23	2	2	2	2	2	2	2	2	2	2	-	-	1	1	1	1	2	1	2	2	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	1	2	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	1	****	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	-	1	****	2	3	4	5	4	3	2
2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	3	3	1
7	3	2	2	1	1	1	2	2	1	****	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
8	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	3	2	2	2	2	****	****	1	1	1	1	1	1	1	2	2	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
17	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	****	0	1	1	1	1	1	1	1	1	2	3	3	3	2	1
21	1	1	1	1	1	2	2	3	3	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	2	1	1	1	1
27	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	****	****	1	1	****	1	1	1	2	2	2	2	2	2	1	1
29	1	1	1	1	1	1	1	2	1	1	****	****	1	****	1	****	2	2	2	2	2	2	2	2	1
30	2	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
31	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.3

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
2	1	1	1	1	1	1	1	2	****	1	2	1	1	****	****	2	2	2	2	1	1	2	1	1	1
3	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
5	1	1	1	1	1	1	2	2	1	****	****	1	****	1	1	1	1	2	2	2	3	2	2	2	1
6	2	2	2	1	1	1	2	2	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
9	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	****	2	2	2
11	2	1	1	1	1	1	2	****	****	****	****	****	1	****	1	2	1	1	1	****	1	1	2	2	1
12	1	1	1	1	1	2	1	1	****	****	****	1	1	2	2	2	2	2	2	2	2	-	-	2	2
13	2	-	-	2	2	2	2	3	2	-	-	-	2	2	2	2	2	2	****	****	2	2	2	2	2
14	2	2	2	2	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	****	1	1	1	1	1	1	****	****	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	****	2	2	****	2	****	****	****	****	****	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
20	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3	2	1	1
23	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	-	1	2	1	2	2	2	2	1
26	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	1	****	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	-
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1.3

PERCENTAGE OF DATA VALID - 92.9 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
3	1	1	1	1	1	1	2	2	3	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	2	2	1	0
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	1	1	0	0	****	****	0	1	1	1	2	0	0	0
9	0	0	0	0	0	0	0	0	0	0	****	****	****	3	1	1	1	1	1	1	2	3	2	2	1
10	2	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	****	2	2	2	2	1	2	1	1
11	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	1
14	3	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	1	2	3	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	2
16	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1
18	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	1
23	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1
25	1	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0
27	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	1	1	1	1	1	1	1	1	1	-	-	2	1	1	1	-	-	-	1	1
29	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	2	2	2	1	2	2	1
30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	1	1	1	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	3	3	3	2	2
2	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1	1	1
5	2	2	1	1	1	1	2	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2
6	1	1	1	1	1	1	2	2	2	****	****	0	0	0	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1
9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1
11	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	****	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0
14	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	0
18	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
22	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
25	1	0	0	0	0	0	1	1	3	1	1	1	1	0	0	0	0	1	1	1	1	0	1	0	1
26	0	0	0	0	0	0	1	2	2	2	1	1	3	2	1	2	1	1	1	1	1	0	0	0	1
27	1	1	1	1	1	1	2	2	2	2	1	2	1	2	1	2	2	1	1	1	1	1	1	1	1
28	0	2	2	2	2	0	1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	2	2	1
29	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2
30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	2	1	1	1	1
MEAN	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3	3	2	2
2													- DATA INVALID -												
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	2	2	1	1	1	******
4	1	1	1	1	0	0	0	1	1	1	1	0	1	0	1	1	1	1	2	2	1	1	1	1	1
5	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	0	0
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1
9	0	0	0	0	0	0	1	2	****	****	1	1	1	1	1	2	1	1	0	0	0	0	0	0	1
10	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0
11	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
16	1	0	0	0	0	1	2	3	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	1	1	0	0	1	1	1	1	1	1	1	1	0	1	0	1
20	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	0	0
22	0	0	1	0	0	0	1	0	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1
23	0	0	0	0	0	0	1	1	0	****	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0
25	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	1	1	2	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1
27	0	0	0	0	0	0	1	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	1
28	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
29	1	1	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0
30	1	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
MEAN	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 93.9 PERCENTAGE OF DATA INVALID - 6.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	****	****	****	****	****	1	2	2	1	1	1	1	1	1	1	1
2	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
5	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
6	0	0	0	0	0	0	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	1	2	3	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	0	1
8	1	0	1	1	1	1	2	1	****	****	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	1	1	1	****	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	1	2	3	1	1	0	1	0	1	1	1	1	2	2	1	0	0	0	1
11	1	0	1	0	0	0	1	1	****	1	1	2	2	2	1	1	2	2	1	1	1	0	1	1	1
12	1	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
14	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	1	2	2	****	1	1	1	1	1	1	1	1	3	4	3	2	1	1	1
16	1	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	1	2	5	8	6	5	3	2	2
17	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	2	1	1	1	2	2	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
20	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	2	3	2	1	1
21	0	0	0	0	1	1	2	3	4	****	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1
22	0	0	0	0	0	0	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	2	1	****	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1
24	1	0	0	0	0	1	2	3	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	0	1	1	1	1	****	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	****	1	1	0	0	1	0	1	1	2	0	1	0	0	0	0
28	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	0	1	1	1	****	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	3	5	4	1
3	2	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	1	****	-	1	1	1	1	2	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
6	2	1	1	2	2	2	2	4	3	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	3	2
9	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3
10	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	3	3	3	3	3	3	3	3	3	3	-	****	0	0	0	0	0	1	1	1	1	0	0	0	2
13	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
14	1	1	1	1	0	0	1	1	1	****	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
17	1	1	1	1	1	1	1	2	3	3	4	4	3	3	3	2	2	2	2	2	2	2	1	1	2
18	1	1	1	1	1	1	1	1	1	****	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
19	0	1	1	1	1	1	1	1	1	1	****	0	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1
21	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
22	1	1	0	0	1	1	1	0	1	****	0	1	0	1	1	1	1	1	1	1	1	1	1	2	1
23	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	0	0	1	1	2	****	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1
25	1	1	0	0	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	0	0	1
26	0	0	0	0	0	0	0	1	****	****	****	0	0	0	1	1	1	1	1	2	2	3	3	2	1
27	1	1	1	1	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
28	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
30	1	1	1	1	1	1	1	1	1	****	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1.3

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	3	5	4	3	2
2	2	2	1	1	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	1	1	1	1	1	1	1	1	1	0
5	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
7	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1
8	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	3	1	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
10	0	0	0	0	0	0	0	1	2	****	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	2	2	0	0	1	1	1	1	1	3	2	1	1	0	0	0	1
12	0	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
14	2	2	1	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	0	0	1
17	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	3	3	3	2	1	1	1	1	1
18	1	1	1	1	1	1	0	2	1	0	0	0	0	0	1	1	5	3	2	4	4	3	2	2	2
19	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0
20	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	2	3	2	1
22	2	1	2	1	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	1	****	2	1	1	1	2	2	2	2	2	2	3	4	4	2
24	2	2	2	1	1	1	1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	3	2	1
26	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	0	2	1	1	1	1	1	1	1	2	2	2	4	5	2	2	1	2	1
28	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	1
29	3	2	3	3	2	1	1	2	6	5	3	2	2	2	2	2	2	3	3	1	1	0	1	1	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
31	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	,	.
MEAN	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	4	8
FEB	29	1.8	3	6
MAR	31	1.7	4	7
APR	30	1.2	2	4
MAY	31	1.3	2	5
JUN	30	1.3	2	3
JUL	31	0.9	2	3
AUG	31	0.8	2	4
SEP	28	0.5	2	3
OCT	31	0.6	2	8
NOV	30	1.3	3	5
DEC	31	0.9	2	6
YEAR	364	1.2	4	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	265	446	23	0	0	0	734
FEB	247	417	19	0	0	0	683
MAR	296	382	60	0	0	0	738
APR	506	197	1	0	0	0	704
MAY	508	214	3	0	0	0	725
JUN	457	212	0	0	0	0	669
JUL	620	106	0	0	0	0	726
AUG	647	91	1	0	0	0	739
SEP	645	31	0	0	0	0	676
OCT	669	49	6	0	0	0	724
NOV	473	220	12	0	0	0	705
DEC	622	102	11	0	0	0	735
YEAR	5955	2467	136	0	0	0	8558

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.4	0	0.0	0.2	0.6	1.0	1.9	2.3	2.9	3.5	8	1.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	1	1	1	1	1	1	1	1	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	2	3	2	1	1	1	1	1
5	1	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	1	0	0	1
6	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	2	1	1	1	2	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1	2	1	1	1	1
10	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	3	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	2	3	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	2	1	1	1	2	2	2	1	2	1	2	2	2	1	1	2	2	2	2	1
13	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	3	3	2
14	3	2	1	2	2	2	2	4	5	****	****	1	1	1	1	1	2	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	****	1	2	2	1	2	2	1
17	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
18	1	1	1	1	1	1	2	2	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1
22	1	1	1	1	1	1	1	2	3	****	****	2	2	2	2	2	2	2	2	2	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1
25	1	1	1	1	1	1	1	1	2	1	****	4	1	1	1	2	2	2	2	2	2	2	2	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1
28	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
29	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1
30	1	1	1	1	1	2	2	2	1	****	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
31	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	2	2	2	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1
5	2	1	1	1	1	1	1	1	2	1	****	1	1	1	1	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	2	2	3	2	1	1	2	2	2
7	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	2	3	2	1	2	2	1	2
8	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1
9	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	2	2
10	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1	1	2	2	2	2	1	1	1
11	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	****	1	1	****	2	1	1	****	1	1
15	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	1	1	1	1	2	2	1	2	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	****	****	1	1	2	1	1	1	1	1	1	1	1	1	3	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	3	3	3	2	1	1	2
20	3	2	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	2	1	1	1
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	2	2	2	****	2	2	2	2	2	2	2	2	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1
24	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1
27	1	1	1	1	1	1	****	2	2	7	****	2	2	7	****	1	2	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	****	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
5	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	3	2	3	2	1	1	1	2
6	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1
8	2	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	2	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	****	4	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
13	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	,	,	,	,	,	,	,	,	,	,
14	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	****	****	2	2	2	2	2	3	3	3	4	3	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
20	1	1	1	1	1	1	1	2	2	2	2	2	2	****	2	3	3	3	2	2	2	2	2	2	2
21	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1
23	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	1
28	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
30	1	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	1	2	:
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
9	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	2	2	1	2	1	1	1	1
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	4	1	1	1	1	:	:	:	1	:	:	:	:	:	1	1	:	:	1	:	:
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	2	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	2	1	1	1	1	1	****	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	1
19	5	6	5	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	3	2	2	2
20	2	2	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	-	2	2	1
22	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	4	-	2	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	0	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	1	0	1
28	1	0	0	0	0	0	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	:	.
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	-	1	****	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	3	1	1
3	1	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
6	1	1	1	1	1	1	1	1	1	1	2	1	****	****	****	1	1	1	1	1	1	1	1	1	1
7	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
12	0	1	0	0	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	*
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	-	1
15	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
18	2	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	0	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
21	1	1	1	1	1	2	2	1	1	4	****	1	0	1	1	1	1	1	1	1	1	1	0	0	1
22	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1
25	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	4	1	1
26	0	0	1	1	1	1	1	1	1	****	1	****	1	1	****	1	1	1	1	1	1	1	1	1	1
27	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	****	1	1	1	1	1	****	1	1	1	1	****	1	1	1	1	2	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1
31	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	0	1	0	0	0	1	0	0	1
3	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
4	0	0	0	0	0	1	1	1	0	****	****	1	0	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	2	1	1	1	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1	-	-	-	-
13	1	-	1	1	1	1	1	1	1	-	-	-	1	1	1	1	1	1	****	****	1	1	1	1	1
14	1	1	1	1	****	****	****	****	****	****	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	****	1	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	******
17	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	1	1	1	0	1	0	1
22	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
23	0	0	0	0	0	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
24	0	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	-	1	1	1	1	1	1	1	1
25	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	****	1	1	1	1	1
26	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	****	****	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	1	1	0	****	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
8	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1
9	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	0	1
11	1	1	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	****	3	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	0
17	1	1	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
18	0	0	0	0	0	1	0	1	1	1	1	0	1	1	0	1	0	0	1	1	1	0	0	0	0
19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	******
24	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	0	1
25	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
26	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
28	1	1	1	1	1	1	1	0	0	0	0	0	0	0	-	-	0	0	1	1	-	-	-	0	0
29	0	0	0	0	0	0	1	1	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1
MEAN	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.6

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	1	1	1	1
3	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	****	****	0	1	0	0	0	1	1	1	0	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	-	1	1	1	1	0	0	0
8	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
9	****	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	0
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
11	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	-
12	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
14	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
18	1	1	1	1	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	-	****	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
22	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	2
23	4	3	3	2	2	1	2	2	2	2	1	2	1	1	1	1	2	2	2	2	2	2	2	1	2
24	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
25	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	3	4	2
29	3	1	1	****	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	****	1	1	2	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1
2	1	1	1	1	1	1	2	2	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1
4	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	1	2	-	2	1	2	1	1
5	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
7	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	4	3	3	2	2	2
9	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
10	2	2	1	2	1	2	2	2	1	2	2	2	1	****	4	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
13	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1	1	1
20	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
24	1	1	1	1	1	1	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
29	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
30	1	1	1	1	1	1	1	1	1	****	8	1	1	1	1	-	1	1	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1
3	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	-	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	3	1
10	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2
11	2	2	2	1	1	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
14	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
15	2	2	1	1	1	1	3	7	4	3	2	1	1	1	1	1	1	2	4	4	5	6	6	5	3
16	3	2	2	1	2	2	2	3	2	5	2	2	2	2	1	1	2	2	4	5	6	7	4	3	3
17	5	5	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	4	5	3	1	3
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1
19	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
21	1	1	1	1	1	4	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	4	4	2
24	5	5	4	3	2	3	4	5	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
25	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	-	1	1	1	1	1	1	1	****	-	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	1
29	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-
MEAN	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1
3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	2	2	2
4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	-	-	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	2	1
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
14	2	2	2	2	2	2	2	2	2	****	4	1	1	1	1	1	2	1	1	2	1	2	1	1	2
15	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	2	2	2	1	1	1	1	2	1
18	****	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
21	1	1	1	1	1	1	2	5	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	3	4	5	5	4	2
24	2	1	1	1	1	1	1	2	6	4	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
25	2	1	1	1	1	1	1	1	2	1	****	7	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1
27	-	2	2	1	1	1	1	4	3	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	2	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	****	1	1	1	****	****	2	3	3	5	7	6	2
2	3	2	1	1	1	1	1	1	1	1	****	1	1	1	2	3	2	2	2	2	2	2	2	1	2
3	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	1	1	1	****	2	1	2	2	2	2	1	2	-	1	1	1
5	1	1	1	1	1	1	1	2	2	2	1	****	1	1	1	1	2	2	2	2	2	2	2	2	1
6	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	1
7	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	1	1	2	2	2	3	4	4	2	3	3	3	4	3	1	2	1	2	2	2	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	-	-	1	1	1
10	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1	1	****	****	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	1	2	-	-	-	2	1
12	1	2	2	1	1	1	2	2	2	5	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	2	1	1
14	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	******
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	3	3	2	3	2	2	2	2
28	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	3	2
29	3	2	2	2	2	2	2	5	7	4	2	2	1	****	1	1	1	1	1	1	1	1	1	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
31	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	-	0
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 65.3 PERCENTAGE OF DATA INVALID - 33.7 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.1	2	5
FEB	29	1.2	2	7
MAR	31	1.2	2	4
APR	30	0.8	2	6
MAY	31	1.0	1	5
JUN	29	0.8	1	2
JUL	30	0.6	1	3
AUG	31	0.9	2	4
SEP	30	1.2	2	8
OCT	31	1.4	3	7
NOV	30	1.3	2	7
DEC	20	1.4	2	7
YEAR	353	1.1	3	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	574	153	3	0	0	0	730
FEB	543	138	2	0	0	0	683
MAR	617	108	2	0	0	0	727
APR	650	49	7	0	0	0	706
MAY	696	26	3	0	0	0	725
JUN	664	8	0	0	0	0	672
JUL	698	15	0	0	0	0	713
AUG	655	69	5	0	0	0	729
SEP	579	124	3	0	0	0	706
OCT	564	141	26	0	0	0	731
NOV	557	142	10	0	0	0	709
DEC	306	170	10	0	0	0	486
YEAR	7103	1143	71	0	0	0	8317

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94.7	0	0.0	0.2	0.5	0.8	1.4	1.8	2.2	2.9	8	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	2	1	0	0	0	1	1	1	2	2	3	2	2	2	1	0	1
5	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	****	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
25	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	-	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	-	-	2	2	2	2	1	1	0
6	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	1	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0
10	2	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0
11	0	0	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	0	0	1	1
12	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	3	1
15	5	4	2	2	1	0	0	1	1	1	1	1	0	0	0	****	1	1	****	2	2	3	****	3	1
16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
29	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	****	0	0	0	0	1	1	1	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	4	4	3	3	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	2	0
13	2	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	2	0
16	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	1	2	1
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	1	1	0	0	0
27	1	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	-	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	1	0	0	0	0	0	1	1	1	0	0	0	-	0	0	0	0	0	1	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	-	0
8	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	2	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0
23	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	-	1	****	1	2	1	1	1	0	1
2	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	0	0	0	0	1	1	0	0	0	0	0	****	****	****	******
6												- DATA INVALID -													
7	****	****	****	****	****	****	****	****	****	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	******
8	0	****	****	****	****	****	****	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	1	1	0	0	0	0	0	****	****	0	0	0	0	0	0	1	0	1	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
29	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 14.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14	1	1	1	0	0	0	0	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0
25																									
26	****	****	****	****	****	0	0	0	0	****	****	****	****	****	****	0	0	0	0	****	****	****	****	****	******
27	****	****	****	****	****	****	****	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 89.6 PERCENTAGE OF DATA INVALID - 10.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
29													- DATA INVALID -												
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	0	0	0	0	0	0	0	0	0	******
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 7.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
7	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0
8	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
10	2	3	3	2	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	****	****	****	****	0
15	****	****	****	****	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
30	0	0	****	****	****	****	****	****	****	****	****	****	0	****	****	****	****	****	****	****	****	****	****	****	******
31													- DATA INVALID -												
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 88.7 PERCENTAGE OF DATA INVALID - 10.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	-	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
24	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 4.9 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	****	0	0	0	0	0	0
3	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0
10	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	0	0	0	0	0
15	0	0	0	0	0	0	1	3	3	1	0	0	0	0	0	0	0	1	1	1	0	0	2	2	1
16	2	2	3	3	2	3	2	3	4	5	2	0	0	0	0	0	0	0	1	1	1	1	0	0	1
17	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	2	2	1	0	0	0	0
30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	1	0	0	0	0	1	2	2	2	-	0	1	5	0	1	1	1	0	0	0	0	0	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
21	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	3	1	0
26	1	1	1	0	0	1	1	3	7	6	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0
27	-	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	3	3	2	1	-	1	0	1
5	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2	-	-	2	1	1	0	0
6	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0
7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	-	0	0	0	1	0	0	0	0	0	0	0	1	0	0	-	-	0	0	0
10	0	0	0	0	0	0	0	0	0	14	13	0	0	0	0	0	****	****	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	-	-	-	0	1
12	3	1	4	3	2	1	1	1	1	1	1	1	1	1	0	1	2	2	1	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	2	2	1	1	0	1	1	0	1	1	0	0	****	****	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	-	-	-	0
19	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
22	0	0	0	0	0	0	0	2	2	1	1	****	5	1	1	1	1	1	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	1	1	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1	1	1	0	-	0
MEAN	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.1	1	4
FEB	29	0.2	1	6
MAR	31	0.2	1	7
APR	30	0.0	0	2
MAY	26	0.1	1	2
JUN	27	0.0	0	1
JUL	28	0.1	1	3
AUG	28	0.0	0	4
SEP	28	0.0	0	4
OCT	31	0.1	1	5
NOV	30	0.1	1	7
DEC	31	0.2	1	14
YEAR	350	0.1	1	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	719	12	1	0	0	0	732
FEB	660	17	5	0	0	0	682
MAR	725	15	3	0	0	0	743
APR	710	1	0	0	0	0	711
MAY	635	2	0	0	0	0	637
JUN	645	0	0	0	0	0	645
JUL	691	0	0	1	0	0	692
AUG	654	5	1	0	0	0	660
SEP	678	2	1	0	0	0	681
OCT	715	18	2	0	0	0	735
NOV	702	9	3	0	0	0	714
DEC	696	21	3	1	1	0	722
YEAR	8230	102	19	2	1	0	8354

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
95.1	0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.5	14	0.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4
2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3
3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	2	2	2	3	3	3	3	2	3
4	3	3	3	3	3	3	3	3	4	****	****	****	-	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	3	3	3	4	4	4	******
11	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	6	6	6	7	5
12	8	9	6	7	9	9	9	9	9	9	8	8	10	9	7	6	7	6	6	6	6	6	6	6	8
13	5	5	5	5	6	6	6	6	6	6	6	6	8	8	7	7	6	6	7	6	7	7	7	7	7
14	7	7	6	6	7	7	7	8	8	7	7	7	6	6	6	6	7	7	6	6	6	6	6	7	7
15	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
16	6	7	7	7	6	6	7	7	8	6	6	6	6	5	5	5	5	6	7	7	8	6	7	7	6
17	10	7	7	7	12	12	12	9	8	****	4	4	4	4	4	4	4	4	4	4	4	5	8	4	6
18	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	8	9	9	7	5	6	5
19	5	4	4	6	5	5	5	4	5	5	5	4	3	3	3	4	4	4	3	3	3	3	4	4	4
20	6	6	6	4	4	4	5	6	6	4	4	4	4	4	3	3	3	4	3	3	3	3	4	5	4
21	3	3	3	3	3	3	3	3	3	****	3	4	5	6	6	5	5	5	5	5	5	6	5	4	4
22	6	6	6	6	5	5	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	3	3
23	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	4	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4	5	4	4	4	4	4	2	4
25	2	2	3	2	2	2	2	3	3	4	4	4	4	4	4	3	3	4	4	4	6	8	15	15	4
26	14	10	6	6	6	7	8	14	13	12	7	5	4	****	3	3	3	3	4	4	3	4	****	****	7
27	****	****	****	****	****	****	****	****	****	4	4	5	5	5	5	6	6	5	4	4	4	5	5	5	******
28	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5	7	6	6	6	6	6	6	6	6
29	6	5	5	6	6	5	6	5	6	6	6	5	5	5	5	5	5	5	5	5	5	6	6	5	5
30	6	6	5	6	6	5	5	5	5	4	4	4	4	4	4	4	4	5	5	6	6	6	5	5	5
MEAN	5	5	5	5	5	5	5	5	6	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	4.9

PERCENTAGE OF DATA VALID - 76.8 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 17.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	6	6	6	9	12	10	12	9	6	6	6	6	7	7	6	6	6	6	6	6	7
2	5	5	5	5	4	4	4	5	5	5	6	8	6	5	6	4	5	5	4	4	4	4	4	4	5
3	4	4	4	4	4	4	4	5	6	6	6	5	6	5	5	5	6	6	5	5	5	4	4	4	5
4	5	5	5	4	5	5	5	6	7	****	4	3	3	3	3	4	4	4	4	4	4	4	3	3	4
5	4	4	4	4	3	3	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	******
6	4	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	5	4	4	4	5	6	6	7	8	7	6	7	7	5	4	******
10	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	5	4	4	5	4	4	4	4	4	4
11	4	4	4	4	4	4	4	5	****	4	4	4	4	4	4	4	4	5	5	4	5	5	5	5	4
12	5	5	4	5	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6	6	5	5	6	5	5
13	6	6	6	6	6	5	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
14	5	4	4	4	4	4	4	4	5	4	4	4	4	4	3	3	3	3	4	4	4	5	5	6	4
15	5	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	5	5	7	6	5	5	5	5
16	5	5	4	4	4	4	4	5	5	5	5	4	5	5	4	5	5	5	5	4	4	5	5	5	5
17	5	4	4	4	4	4	5	10	11	7	****	****	5	5	6	5	5	5	5	5	5	5	5	5	5
18	5	5	5	6	5	6	6	6	5	4	5	4	5	4	4	4	5	5	5	4	4	4	5	4	5
19	4	4	4	4	4	4	4	4	4	4	****	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	5	4	4	4	4	4	4	4	5	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4
21	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5	5	5	5	6	5
22	5	5	5	5	4	4	4	4	4	4	3	2	3	3	3	3	3	3	3	3	3	4	4	4	4
23	4	4	4	4	4	4	4	4	****	4	4	4	5	5	5	5	5	4	4	5	5	5	5	4	4
24	5	5	5	5	5	6	5	6	6	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	5
25	5	4	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4
26	4	4	4	3	3	4	3	3	4	3	3	3	3	4	4	4	4	4	4	5	4	4	5	4	4
27	5	5	5	6	6	6	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA UNAVAILABLE -													
MEAN	5	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	5	5	5	5	5	5	5	5	4.5

PERCENTAGE OF DATA VALID - 72.2 PERCENTAGE OF DATA INVALID - 21.0 PERCENTAGE OF DATA UNAVAILABLE - 6.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP		DATA UNAVAILABLE		
OCT		DATA UNAVAILABLE		
NOV	22	4.9	8	15
DEC	21	4.5	7	12
YEAR	43	4.7	8	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY		DATA UNAVAILABLE							
JUN		DATA UNAVAILABLE							
JUL		DATA UNAVAILABLE							
AUG		DATA UNAVAILABLE							
SEP		DATA UNAVAILABLE							
OCT		DATA UNAVAILABLE							
NOV	544	9	0	0	0	0	0	0	553
DEC	534	3	0	0	0	0	0	0	537
YEAR	1078	12	0	0	0	0	0	0	1090

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
74.5	2	2.6	3.4	3.9	4.7	5.9	6.9	8.6	11.0	15	4.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3	2	3	2	2	2	2	3
2	3	3	2	2	3	3	3	3	4	3	7	6	4	4	4	9	13	11	12	10	10	5	4	4	6
3	5	5	6	6	6	8	4	2	2	2	2	****	****	6	4	2	3	2	2	2	2	2	3	3	4
4	2	2	2	2	3	2	4	4	3	4	4	2	2	2	3	2	2	2	3	5	3	4	11	8	3
5	3	3	3	3	4	3	3	2	3	3	4	2	3	6	7	11	11	11	10	9	6	5	7	3	5
6	3	4	7	6	5	5	4	4	3	4	5	3	2	2	2	2	2	2	3	3	3	2	2	2	3
7	2	2	2	2	2	3	4	3	2	2	2	2	3	3	3	3	3	3	6	10	2	2	2	5	3
8	2	2	2	2	6	5	5	3	****	****	****	****	2	3	4	4	6	5	9	8	15	8	5	7	3	5
9	3	3	2	2	2	2	2	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
10	5	5	6	6	6	4	8	9	3	8	8	3	3	3	3	3	3	3	3	6	4	4	4	3	5
11	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	4	4	3	3	4	4	3
12	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	7	4	3	3	3	3
13	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	5	4	4	5	4	3	6	5	7	7	8	5	3	3	3	3	3	4
15	3	3	2	2	2	3	3	4	4	3	2	2	2	2	2	2	3	3	4	4	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	2	****	****	3	3	3	3	3	4	5	5	5	3
17	5	4	4	4	3	3	3	3	4	3	3	3	4	7	4	4	4	4	4	4	3	3	3	3	4
18	3	3	3	3	3	3	3	4	4	5	3	5	4	4	4	3	3	3	5	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	9	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	2	2	3	3	7	5	4	3	3	3	3	4	4	5	8	13	6	11	4
21	3	3	3	10	16	9	7	11	11	12	7	3	3	3	4	4	4	5	5	6	5	4	3	3	6
22	3	3	3	3	3	3	3	4	4	4	****	****	3	3	3	3	3	3	3	2	7	6	7	3	4
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	3	2
24	2	2	4	9	9	2	3	3	3	3	3	2	2	3	3	3	3	4	4	8	9	4	3	3	4
25	3	3	3	3	2	2	3	3	3	5	3	7	4	4	4	4	4	3	4	4	4	4	6	3	4
26	3	3	3	3	3	3	3	3	4	3	3	2	2	3	3	2	2	2	4	5	5	4	3	3	3
27	4	5	5	8	8	6	5	6	8	7	4	3	2	2	2	2	2	3	3	3	3	2	2	2	4
28	2	2	2	2	2	3	5	5	3	4	3	3	3	3	3	3	3	3	11	5	10	14	3	4	4
29	4	10	11	3	2	2	3	3	3	3	3	2	3	2	2	2	2	3	3	4	4	3	3	3	3
30	3	3	3	4	6	5	7	3	3	4	4	3	4	4	3	3	3	5	3	3	4	2	5	2	4
31	3	3	2	2	2	4	4	3	3	5	4	****	****	****	9	7	11	7	4	3	6	6	3	4	5
MEAN	3	3	3	4	4	3	4	4	4	4	4	3	3	3	3	4	4	4	4	5	5	4	4	4	3.7

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	2	2	2	2	3	4	2	3	3	4	4	7	4	5	2	2	2	2	3	4	3	3
2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	4	5	4	2	2	2	2	3	2	3
3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	3	2	2	2	3	4	3	3	3	4	3	3	3	3	3	4	6	3
5	6	3	5	4	5	7	14	20	20	13	4	4	5	4	4	4	4	11	13	3	3	5	3	3	7
6	5	9	4	4	7	5	3	4	5	3	3	4	3	3	3	4	5	6	4	4	3	2	2	2	4
7	2	9	12	8	8	3	2	4	5	3	****	****	5	6	6	6	5	5	6	3	3	3	5	2	5
8	3	2	2	2	3	3	5	10	5	4	3	2	3	3	4	6	2	2	3	3	7	12	4	3	4
9	11	4	3	4	4	2	2	4	4	5	3	4	3	3	3	3	2	2	2	3	6	5	5	3	4
10	6	4	4	3	3	4	4	8	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4
11	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	6	3	6	5	8	2	2	2	3
12	3	13	7	3	3	3	4	7	3	4	4	3	2	2	2	3	4	3	9	6	3	3	3	3	4
13	4	4	4	4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
14	3	2	2	2	5	3	3	3	5	****	5	3	2	2	2	3	3	5	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	6	2
16	5	5	9	7	5	4	3	2	2	2	2	3	3	4	3	4	2	2	3	2	2	3	3	2	3
17	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	2
18	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	2	3	3	3	2	2	2	3
19	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3
20	3	3	3	4	4	4	4	4	5	4	4	5	6	6	6	6	6	6	6	6	7	5	4	4	5
21	4	4	4	7	6	7	15	14	4	4	****	****	****	2	1	2	3	3	3	2	2	3	2	2	4
22	1	1	1	1	1	1	1	3	2	2	2	2	3	4	4	2	2	2	1	1	1	2	2	3	2
23	1	2	2	2	2	6	2	3	3	3	4	4	3	3	3	4	2	2	3	3	3	3	3	3	3
24	2	2	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	2	1	2	1	2	2	2
25	2	1	1	2	1	4	4	5	4	4	4	3	2	2	5	4	6	5	6	5	6	5	3	11	4
26	9	8	6	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2
27	2	1	1	1	1	2	2	3	5	2	2	2	2	2	3	3	2	2	1	1	1	1	2	2	2
28	1	2	1	2	1	1	1	1	1	2	1	1	1	1	2	****	2	3	2	2	1	1	1	3	1
29	4	4	1	1	1	3	3	1	2	3	2	2	2	1	2	3	3	4	4	2	2	1	1	1	2
MEAN	3	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	5	5	1	1	2	4	2	2	2	3	2	2	2	2	2	2	4	2	3	4	3	3	3
2	1	1	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
3	2	2	2	1	1	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	2	1	1	2	2
4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	1	2	2	2	2	2	2	2	1	2
5	1	1	1	2	2	2	2	3	9	7	5	6	6	4	2	1	1	1	1	1	1	1	1	3	3
6	6	9	14	8	5	11	2	2	1	1	2	2	****	1	1	1	1	1	1	1	1	1	1	2	3
7	2	2	4	2	2	2	3	7	7	7	3	2	3	3	2	2	2	2	2	1	1	2	2	1	3
8	1	2	4	3	3	4	3	4	5	12	12	30	6	18	3	5	4	4	5	5	4	6	3	3	6
9	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
10	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	5	4	1	1	****	1	1	1	1	1	1	1	1	2	4	1	1	1	1
13	1	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1
14	8	2	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	16	8	1	7	4	4	4	2	2	2	2	1	1	1	1	1	1	1	1	3
16	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	3	2	2	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	6	4	1	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	2	3	1	2	2	2	2	1
19	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	2
20	1	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1	1	2	1	1	1	1	1	1
21	2	8	22	16	6	5	3	8	9	11	5	1	0	1	1	0	0	0	0	0	0	0	1	0	4
22	0	0	0	0	0	1	2	6	8	4	3	4	3	1	1	1	4	3	2	1	1	1	3	5	2
23	4	2	2	5	4	5	1	0	2	3	1	1	1	1	1	1	0	1	2	3	0	2	1	0	2
24	1	1	0	3	4	4	3	2	1	1	4	1	7	14	11	8	10	5	8	9	6	5	5	4	5
25	3	3	4	6	7	5	6	4	3	2	3	2	1	1	1	1	1	1	2	3	2	6	10	15	4
26	14	15	9	4	8	8	7	9	8	4	7	7	5	5	4	6	5	1	2	2	0	0	3	3	6
27	0	3	7	5	6	4	6	2	2	1	0	1	1	1	1	1	1	1	2	2	3	3	2	3	2
28	2	4	6	12	32	3	12	5	3	2	4	5	10	10	12	11	11	11	13	15	16	15	26	10	10
29	15	17	18	15	12	11	11	10	10	9	7	6	7	7	6	9	8	5	5	9	20	9	19	17	11
30	15	17	14	6	4	23	9	3	0	0	0	0	1	1	0	0	1	1	1	0	0	1	1	1	4
31	1	1	1	1	1	1	0	1	0	0	1	1	1	12	15	9	6	11	11	6	6	10	15	8	5
MEAN	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	3	3.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	11	6	3	3	2	2	2	1	1	1	2	****	****	****	2	3	2	2	2	2	3	3	2	3
2	2	3	3	3	3	4	5	8	6	4	4	5	6	3	8	9	11	21	14	11	19	20	18	20	9
3	21	2	2	2	1	3	2	1	1	2	2	1	1	1	2	3	1	1	2	11	3	6	15	12	4
4	1	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	2	7	6	2	1	2	1	1	1	1	1	1	1	1	1	5	5	5	4	2	2
6	2	6	12	14	12	11	5	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	4
7	1	1	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1	1	2	1	1	1	2	1	1
8	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	4	3	6	8	6	2	5	10	3
11	7	3	1	2	1	5	4	3	2	2	5	2	2	2	2	2	2	3	2	3	5	2	3	1	3
12	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1
13	1	1	1	1	1	4	2	1	1	1	2	1	2	2	5	7	5	1	1	1	1	1	2	2	2
14	1	1	1	1	1	1	1	2	1	2	2	1	2	2	5	5	4	2	3	2	2	1	1	1	2
15	1	1	1	1	1	1	1	1	2	2	2	****	3	2	2	2	4	4	2	3	3	2	3	2	2
16	3	2	2	2	5	3	2	3	3	2	3	3	5	6	7	6	8	7	6	1	1	2	3	2	4
17	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	6	2	2	1	2	2
18	2	1	2	1	2	2	4	10	2	6	8	9	8	9	10	8	4	2	2	1	5	5	3	6	5
19	6	4	4	2	2	2	2	1	2	3	3	4	2	1	1	1	1	1	2	5	2	2	2	6	3
20	16	6	3	3	4	4	2	3	7	13	11	15	23	24	16	14	13	11	11	23	35	5	18	34	13
21	37	14	25	21	21	14	31	28	26	24	11	9	3	2	2	2	3	2	2	2	4	3	3	2	12
22	2	2	2	2	2	3	3	4	4	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	7	8	6	3	6	2	2	******
24	4	5	9	3	2	1	3	2	1	1	2	5	9	7	9	9	9	10	8	5	7	7	6	7	5
25	5	4	5	7	5	4	7	6	3	3	3	3	3	3	6	17	18	8	5	6	5	5	3	10	6
26	18	15	13	9	6	8	4	7	10	11	10	7	7	5	4	8	6	8	6	6	4	15	11	8	9
27	9	6	8	7	10	12	13	14	14	12	11	11	9	6	9	11	10	9	4	2	9	9	13	10	10
28	9	4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	8	17	13	17	8	17	10	3	6
29	7	5	3	2	3	6	4	4	3	6	12	10	15	7	14	19	21	20	29	21	9	3	5	7	10
30	5	5	5	8	3	3	3	3	10	14	7	11	9	6	5	2	4	3	3	4	6	17	24	14	7
MEAN	6	4	4	4	3	4	4	4	4	5	4	4	5	4	4	5	5	5	5	5	5	5	6	6	4.6

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	11	13	13	15	16	8	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	9	6	11	13	13	15	16	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	11.4

PERCENTAGE OF DATA VALID - 1.1 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 98.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.7	6	16
FEB	29	3.2	7	20
MAR	31	3.1	11	32
APR	28	4.6	13	37
MAY	0	11.4	****	16
YEAR	119	3.7	13	37

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	714	18	0	0	0	0	0	0	732
FEB	676	11	2	0	0	0	0	0	689
MAR	696	40	5	1	0	0	0	0	742
APR	609	56	18	4	0	0	0	0	687
MAY	3	5	0	0	0	0	0	0	8
YEAR	2698	130	25	5	0	0	0	0	2858

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78.3	0	0.4	1.4	2.2	3.1	7.0	10.4	14.8	19.2	37	3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	3	0	2	2	1	0	1	1	0	1	1	1	1	1	1	1	0	2	2	1	2	1
2	2	2	1	1	1	2	1	2	1	1	1	2	1	2	1	0	2	2	1	2	1	0	0	0	1
3	0	0	2	1	0	0	0	1	1	1	1	1	1	2	-	-	9	6	4	4	4	2	2	2	2
4	3	3	3	2	2	1	0	0	0	1	1	2	1	1	1	1	1	0	0	1	1	1	0	0	1
5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	1	0	0	0	1	0	1	2	0
7	1	0	1	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
8	0	1	0	0	0	0	0	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
9	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0
10	1	0	0	1	1	0	0	0	0	0	0	0	-	-	-	4	2	2	1	1	1	2	2	1	1
11	2	2	4	4	1	3	2	1	0	5	4	2	2	3	2	1	4	1	1	1	1	1	0	1	2
12	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	:	0
13	0	2	0	1	0	0	0	0	1	1	2	1	0	1	1	0	1	2	0	0	1	1	0	0	1
14	2	2	1	1	1	3	2	3	3	2	2	2	2	-	-	-	8	4	3	3	2	1	1	:	2
15	1	1	1	1	0	2	2	1	0	1	2	2	2	****	****	****	****	****	2	1	3	3	1	1	1
16	1	0	2	1	1	1	2	1	0	0	1	1	2	3	3	1	1	1	1	0	0	2	1	1	1
17	2	1	2	1	3	4	****	****	****	****	****	****	****	-	****	****	-	2	3	1	1	1	1	2	******
18	2	2	2	3	2	2	1	1	1	2	0	1	3	2	4	0	0	0	0	0	0	0	0	0	1
19	1	0	1	2	2	4	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	2	2	0	-	2	1	0
23	1	2	1	1	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1
24	1	0	0	0	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	1	0	1	0	0
25	0	0	0	2	0	0	1	1	0	0	-	0	0	1	2	1	1	1	0	1	0	1	2	1	1
26	0	1	1	0	1	0	1	0	1	0	2	0	0	1	1	2	2	1	0	0	0	0	1	0	1
27	0	1	1	1	0	1	1	0	0	0	0	1	1	1	0	2	1	1	1	0	0	0	0	0	1
28	0	0	0	1	1	1	0	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1
29	1	0	1	1	0	0	0	0	1	2	1	0	0	-	5	4	3	2	1	1	1	1	1	1	1
30	1	1	2	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
31	1	0	0	0	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	1	0	0	0	0	1	0	1	1	-	-	1	1	1	1	1	3	1	1	1
2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1	1	1	2	1	1	1	1	1
3	1	1	2	1	0	1	1	2	2	1	1	2	2	1	1	1	2	1	1	1	1	2	1	1	1
4	0	1	1	1	1	1	1	1	1	3	2	-	1	1	0	0	0	1	0	1	1	1	1	2	1
5	1	1	1	1	2	2	1	1	2	3	1	2	2	2	2	3	3	2	2	2	1	2	2	2	2
6	2	2	2	2	2	2	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1	2
7	2	1	1	1	1	2	1	1	1	1	2	1	3	2	1	1	2	1	1	1	1	1	1	1	1
8	3	2	0	1	0	1	2	2	1	1	1	2	1	1	2	1	2	1	0	2	1	1	1	1	1
9	1	1	1	1	2	1	2	2	1	1	2	1	1	0	1	1	1	1	1	1	0	0	1	0	1
10	1	1	0	2	4	3	6	6	3	2	2	2	1	2	2	2	2	2	3	2	1	1	2	2	2
11	2	2	1	2	2	2	3	2	1	0	-	-	8	6	4	4	3	3	2	3	4	3	2	3	3
12	2	3	2	2	2	1	2	7	6	3	3	2	1	1	1	1	2	1	1	1	2	2	1	2	2
13	2	3	1	1	2	2	1	2	1	3	2	3	1	2	-	-	-	-	-	-	-	-	-	-	******
14	- DATA UNAVAILABLE -																								
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	2	2	2	******
16	2	2	1	2	1	1	1	1	2	3	2	1	1	2	1	2	1	2	1	1	1	1	4	2	2
17	3	1	1	2	2	2	1	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	-	-	-	1	1	2	2	2	2	1	1	1	1	2	3	******
19	2	2	2	1	1	1	1	1	1	2	1	1	2	2	2	2	3	2	2	1	3	3	2	1	2
20	2	1	1	0	1	1	2	2	1	3	3	-	-	-	-	-	-	2	2	1	4	4	3	2	2
21	4	2	2	3	2	3	2	3	3	3	2	4	3	4	-	3	3	3	2	3	2	1	2	2	3
22	2	2	2	2	2	2	2	2	2	1	1	2	2	2	3	2	4	5	3	3	3	4	3	1	2
23	3	3	2	1	1	2	2	1	2	1	1	2	3	3	4	2	2	2	2	1	2	1	2	2	2
24	2	2	2	2	1	4	3	2	2	2	1	3	2	1	1	1	1	2	2	2	1	1	2	3	2
25	3	4	3	3	1	2	4	2	2	2	2	2	5	2	1	1	1	1	2	1	2	1	1	1	2
26	2	2	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1	2	2	2	2	2	1	1
27	3	1	2	2	2	2	2	1	1	2	2	1	2	1	2	2	1	2	2	1	1	1	1	1	2
28	1	1	3	2	2	3	2	1	1	2	1	1	1	1	2	1	2	2	1	3	1	1	1	1	2
29	1	1	1	3	1	1	1	3	4	5	1	1	2	1	1	-	-	1	1	1	2	1	1	1	2
MEAN	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 88.9 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF DATA UNAVAILABLE - 9.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	1	2	1	1	0	1	1	0	1	1	1	0	0	1	1	1	0	0	1	2	1
2	2	2	1	0	0	1	1	1	0	1	0	1	1	1	0	2	2	2	1	1	1	2	1	2	1
3	0	2	1	1	1	1	2	1	3	1	1	-	-	1	1	1	1	3	2	2	2	2	2	1	1
4	6	6	5	3	3	3	3	1	3	3	1	2	1	2	3	3	3	3	0	1	2	1	0	0	2
5	1	1	2	1	2	2	2	2	1	1	3	3	3	2	2	1	1	0	1	2	2	1	1	2	2
6	1	0	1	1	0	0	1	2	3	2	2	0	0	-	1	1	1	1	1	1	0	0	1	1	1
7	0	2	2	2	2	2	1	1	1	1	1	1	0	1	-	-	3	2	3	3	4	3	5	4	2
8	3	2	3	2	2	3	3	3	2	2	2	1	2	3	2	2	3	3	2	2	1	1	1	1	2
9	1	2	4	0	1	2	2	3	3	1	3	3	2	3	2	2	2	2	2	3	4	3	1	1	2
10	3	2	2	3	2	2	3	4	4	4	3	3	5	4	4	4	3	4	3	4	2	1	3	3	3
11	2	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1	1	0	1	1	1	0	1	1
12	1	2	1	2	1	1	0	0	0	1	1	-	16	12	7	5	7	5	2	1	1	2	1	1	2
13	2	2	5	4	2	2	2	4	3	2	1	1	1	2	2	2	1	3	4	2	2	2	3	2	2
14	3	1	2	2	2	1	2	2	3	3	2	2	1	1	-	4	2	2	1	2	3	1	2	1	2
15	1	1	2	2	1	1	2	1	2	2	2	3	3	3	2	3	3	4	3	3	2	2	1	1	2
16	2	1	2	2	2	2	1	1	1	0	3	2	2	4	3	****	****	1	1	2	4	1	2	2	2
17	2	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	****	****	****	3	3	******
18	4	3	3	1	1	2	1	3	1	4	1	1	2	4	3	2	2	2	2	2	2	2	2	1	2
19	2	2	3	1	2	2	2	2	3	3	2	3	3	****	****	****	-	-	-	-	-	-	-	-	******
20	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	2	3	****	****	****	****	****	****	******
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	2	0	1	0	1	1	******
22	1	1	2	2	2	2	2	1	2	1	2	1	2	1	2	0	1	4	4	1	1	1	1	1	2
23	0	1	1	2	3	3	2	1	1	1	1	3	5	1	2	1	2	2	1	2	2	2	1	1	2
24	2	2	3	2	3	0	1	1	1	1	1	****	1	2	****	****	****	****	1	2	2	2	2	4	2
25	3	5	1	2	1	1	2	3	1	-	-	1	2	2	1	2	-	-	-	-	-	-	-	-	******
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1.9

PERCENTAGE OF DATA VALID - 69.0 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 24.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	5	5	4	4	******
23	4	4	4	5	5	4	5	2	2	5	3	4	4	3	4	4	3	4	4	3	3	4	3	4	4
24	3	3	3	3	4	4	6	5	5	3	5	7	7	4	6	4	-	4	3	4	4	4	4	5	4
25	3	3	4	4	4	4	4	3	5	4	3	2	2	3	5	****	****	****	****	****	****	****	****	****	******
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	3	3	4	4	4	4	5	3	4	4	4	4	4	3	5	4	3	4	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 9.4 PERCENTAGE OF DATA INVALID - 17.9 PERCENTAGE OF DATA UNAVAILABLE - 72.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	0	0	0	0	0	0	0	0	1	******
10	1	2	2	3	2	2	2	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
11	1	1	2	2	1	3	2	2	2	2	2	2	1	2	2	2	1	1	1	2	2	2	3	2	2
12	2	2	2	3	2	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2
13	2	2	2	1	1	2	2	2	2	4	3	3	3	1	2	4	*	*	*	*	*	*	*	*	*
14	2	2	2	3	3	2	2	2	2	3	3	3	2	2	4	3	3	3	2	3	2	4	5	3	3
15	2	4	3	3	8	7	3	3	2	3	5	5	3	3	3	4	4	3	4	3	4	4	3	4	4
16	3	4	3	3	4	5	3	3	4	4	3	3	3	3	3	-	4	4	5	3	5	4	4	3	4
17	1	2	4	5	7	6	6	5	4	3	3	3	3	4	5	5	3	5	6	5	6	6	5	4	4
18	5	4	4	5	4	4	5	4	5	5	4	5	6	3	6	7	7	5	5	5	4	4	5	6	5
19	5	4	4	3	4	4	3	4	6	6	6	7	4	4	6	6	6	6	6	4	4	5	3	6	5
20	4	5	5	6	5	4	5	5	4	4	4	4	5	7	5	5	4	2	3	4	4	4	4	3	4
21	5	5	5	5	7	6	9	5	7	5	5	5	5	4	5	5	6	6	9	6	5	5	4	4	6
22	6	7	6	5	5	6	6	6	5	7	5	6	6	5	4	7	5	5	5	5	4	5	5	5	5
23	6	5	5	5	4	4	4	4	4	5	5	5	3	5	6	5	5	4	5	4	4	7	7	7	5
24	7	6	5	5	5	6	7	6	5	5	4	6	8	7	6	11	9	8	9	8	7	9	7	6	7
25	5	6	6	6	3	4	6	4	4	5	2	3	5	5	5	4	6	5	5	5	5	4	5	4	5
26	4	4	6	5	5	5	3	4	3	5	4	4	4	4	4	5	5	6	4	5	5	6	4	4	5
27	5	4	4	4	4	3	3	4	4	4	4	3	4	-	3	3	3	3	3	3	3	3	4	4	4
28	3	3	4	3	3	3	3	3	3	4	5	4	4	6	4	4	5	5	4	5	4	4	4	4	4
29	4	3	3	4	4	4	5	6	6	5	4	5	6	6	6	3	5	4	3	4	5	4	4	5	5
30	3	3	4	4	5	5	6	6	6	7	7	6	6	7	9	8	6	5	6	6	7	7	6	5	6
31	6	5	5	5	5	5	5	6	6	5	5	5	5	6	5	6	5	5	6	6	3	4	4	4	5
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4.1

PERCENTAGE OF DATA VALID - 71.9 PERCENTAGE OF DATA INVALID - 27.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUN 80

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	4	5	4	3	3	4	4	4	4	4	3	4	4	5	5	5	4	5	4	3	4
2	4	5	5	6	6	6	2	3	3	-	-	6	7	5	7	6	6	7	5	5	6	6	5	5	5
3	5	4	4	6	5	4	5	5	4	7	6	9	7	5	4	6	5	5	4	3	5	5	6	5	5
4	4	4	4	5	6	3	2	3	4	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8	****	****	****	****	2	3	2	3	5	7	6	4	6	6	5	3	4	4	4	3	4	2	3	3	4
9	4	3	4	4	3	5	4	3	4	6	4	3	3	3	3	4	4	4	3	3	4	5	2	2	4
10	2	3	2	4	4	4	5	4	3	3	3	2	2	1	1	3	3	3	1	3	3	3	4	3	3
11	2	4	4	3	4	2	2	3	2	3	2		4	5	4	2	2	2	3	3	5	5	4	****	3
12	****	****	****	****	****	****	****	****	6	4	4	5	5	4	4	4	3	2	3	4	4	6	5	4	4
13	4	6	5	4	5	6	5	3	4	4	3	4	5	5	5	3	3	7	9	7	6	4	4	5	5
14	6	7	7	4	4	5	4	4	5	6	6	5	7	6	6	6	6	6	5	5	5	4	4	5	5
15	6	4	5	6	5	6	6	3	4	7	8	6	4	5	6	5	4	3	1	1	3	3	3	2	4
16	4	5	3	4	3	6	4	2	3	3	2	2	2	4	5	4	3	3	4	4	3	3	3	****	3
17	****	****	****	****	****	****	****	4	4	4	2	3	5	4	5	2	3	4	4	3	3	3	4	5	4
18	5	4	4	5	8	10	7	6	7	8	6	5	5	-	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	2	2	2	3	3	4	4	******
21	1	5	5	3	1	2	3	4	5	5	4	5	7	8	6	5	5	6	6	4	3	4	5	3	4
22	2	6	5	5	5	5	5	6	5	6	6	7	6	3	5	6	4	5	5	4	5	6	6	6	5
23	2	4	5	5	4	6	8	5	6	6	7	9	10	8	7	-	-	2	4	4	3	4	5	2	5
24	2	8	3	4	3	3	5	6	4	4	6	26	6	6	7	12	7	9	9	6	5	4	5	6	7
25	8	10	7	8	8	8	7	8	9	9	5	6	6	8	8	7	8	2	3	5	5	4	3	4	7
26	8	9	8	6	6	2	4	6	8	9	10	10	11	****	****	****	****	****	****	7	7	8	5	4	7
27	6	5	3	6	6	5	6	6	8	8	6	****	****	****	6	4	3	4	8	7	5	4	3	3	5
28	3	5	6	6	4	4	4	6	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	4	5	5	5	5	5	4	4	5	6	5	6	6	5	5	5	4	4	4	4	4	4	4	4	4.7

PERCENTAGE OF DATA VALID - 68.1 PERCENTAGE OF DATA INVALID - 9.0 PERCENTAGE OF DATA UNAVAILABLE - 22.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUL 80

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	6	8	5	9	******
5	2	4	3	4	4	4	4	6	6	6	7	8	6	6	9	****	****	****	****	****	5	4	5	3	5
6	4	3	3	3	5	3	3	4	5	4	5	4	2	3	3	4	4	4	7	6	5	6	6	5	4
7	4	3	2	2	2	2	5	3	3	4	2	-	6	3	1	3	2	3	3	3	3	5	5	5	3
8	7	5	5	4	5	4	4	4	3	5	8	7	5	****	****	****	****	****	****	****	****	5	5	4	5
9	4	3	3	3	3	4	3	4	3	5	4	2	3	3	6	3	3	4	5	6	4	4	6	3	4
10	4	5	7	6	6	6	3	4	3	5	6	8	7	5	5	6	5	5	6	4	9	9	3	4	5
11	5	5	4	5	3	5	3	4	5	7	10	8	****	****	****	****	****	****	****	****	****	****	5	3	******
12	4	3	7	3	7	4	5	4	4	5	3	4	4	5	5	3	4	5	4	8	3	5	6	5	5
13	4	4	5	3	3	3	4	4	7	7	5	5	4	4	5	5	3	3	5	4	4	5	6	6	5
14	4	6	6	5	4	5	6	5	6	6	5	6	9	7	2	5	6	5	4	5	6	3	7	5	5
15	7	5	4	9	10	6	4	5	6	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-	******
16	-	-	-	-	-	-	-	-	-	5	4	8	6	5	7	8	10	12	5	3	3	4	3	6	******
17	12	10	7	5	6	5	4	8	6	5	7	****	****	****	****	****	****	****	****	3	7	4	7	5	6
18	6	6	4	4	4	5	7	8	6	5	5	5	5	4	4	3	7	9	4	3	5	4	4	4	5
19	4	4	4	5	3	6	5	6	5	5	5	6	7	3	****	****	****	****	****	****	****	****	****	4	7	5
20	5	5	6	6	7	6	8	8	10	11	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	7	9	******
22	6	6	3	4	8	6	6	5	6	5	5	8	6	6	6	6	6	6	8	9	6	8	8	6	6
23	5	4	5	5	4	6	6	6	4	4	5	-	5	4	-	-	-	-	-	-	-	-	-	-	******
24	-	-	-	-	-	-	-	-	-	-	-	7	4	4	3	5	5	5	3	4	6	6	3	4	******
25	5	3	5	27	41	17	4	8	8	9	6	3	5	3	3	****	****	****	****	****	5	9	10	4	9
26	3	5	9	9	10	7	5	5	4	7	6	5	7	6	5	5	5	6	4	4	6	5	7	4	6
27	6	7	6	4	5	4	4	8	8	8	5	0	4	6	****	****	****	****	****	****	3	5	6	5	5
28	8	5	6	5	5	4	6	4	5	5	5	5	5	5	6	7	6	5	-	-	-	-	-	-	5
29	-	-	-	-	-	-	-	-	-	-	-	8	6	7	6	8	9	6	8	9	7	6	8	5	******
30	4	4	6	3	5	4	4	4	5	5	4	4	5	4	1	23	24	7	0	3	2	3	4	3	5
31	5	4	4	3	3	4	4	4	6	4	5	4	3	5	4	4	4	4	6	5	7	7	4	5	5
MEAN	5	5	5	6	7	5	5	5	5	6	6	5	5	5	5	6	6	6	5	5	5	6	6	5	5.3

PERCENTAGE OF DATA VALID - 68.3 PERCENTAGE OF DATA INVALID - 14.9 PERCENTAGE OF DATA UNAVAILABLE - 16.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	5	4	8	5	5	4	7	10	6	6	-	-	****	****	****	****	****	****	****	6	5	4	******
2	8	8	6	8	7	5	8	6	5	8	8	8	5	5	5	6	3	4	4	4	7	5	7	6	6
3	9	5	3	7	9	5	5	6	5	10	7	7	6	6	6	8	4	6	7	6	5	8	6	4	6
4	3	5	8	7	5	4	5	6	4	3	4	5	5	6	6	7	3	27	77	92	27	1	4	6	13
5	4	5	4	6	4	4	5	4	8	7	7	7	4	4	6	6	5	7	4	6	4	5	8	5	5
6	7	6	5	6	5	6	5	7	4	7	7	7	5	8	11	4	2	2	5	6	5	5	4	5	6
7	4	4	5	6	6	6	7	10	6	8	8	6	-	****	****	****	****	****	****	****	****	****	****	5	******
8	7	8	7	8	9	9	6	9	12	6	7	****	****	****	****	****	****	****	****	****	****	****	****	6	******
9	6	7	6	6	8	5	7	6	4	4	6	6	5	8	3	4	2	4	3	3	3	5	4	4	5
10	3	5	5	7	5	8	4	5	5	5	5	6	6	5	4	5	4	5	4	4	3	3	5	5	5
11	4	4	5	5	4	4	5	4	7	5	8	4	2	8	6	5	5	5	8	7	5	7	9	8	6
12	6	7	7	7	4	6	5	4	5	6	6	6	6	5	5	1	0	1	4	3	3	4	4	2	4
13	3	3	3	4	4	5	5	5	4	6	6	5	4	6	9	6	4	7	4	6	4	5	4	5	5
14	5	5	6	8	3	6	7	6	8	6	6	5	6	6	6	5	6	6	9	9	7	7	7	7	6
15	3	5	6	5	6	6	6	6	5	6	-	4	4	3	5	4	4	3	5	3	3	6	5	4	5
16	5	6	6	3	4	4	4	3	5	5	5	5	4	4	4	2	2	2	4	4	3	4	4	5	4
17	6	6	4	5	5	7	4	3	4	6	3	2	4	4	5	8	5	6	6	6	3	6	5	4	5
18	3	5	4	3	5	4	6	4	3	6	5	4	4	3	-	8	12	7	9	6	6	4	8	8	6
19	7	4	4	5	6	6	6	4	3	4	4	3	5	6	5	5	4	4	6	4	7	5	8	5	5
20	6	9	7	7	5	6	4	8	8	9	9	9	6	6	7	6	4	11	35	33	5	5	5	6	9
21	6	8	6	6	6	6	4	5	6	12	7	5	7	7	10	7	8	5	5	9	7	7	6	4	7
22	4	6	6	6	5	5	6	5	6	7	6	7	7	5	4	7	6	4	4	6	5	5	4	5	5
23	6	4	5	6	6	6	6	6	9	6	5	8	4	7	11	5	29	105	47	4	5	7	6	6	13
24	4	6	4	4	5	5	7	5	7	6	7	5	5	4	3	4	5	4	5	5	4	4	4	4	5
25	5	7	5	4	5	7	5	6	6	5	5	5	8	11	5	5	6	5	4	5	4	4	4	4	5
26	7	5	9	5	5	5	5	4	8	6	4	5	8	9	6	4	5	6	5	5	6	6	5	4	6
27	5	11	9	8	10	8	5	10	5	8	6	8	6	7	4	5	9	7	6	7	5	5	8	8	7
28	5	4	5	6	9	7	5	4	4	6	5	5	5	4	4	7	5	8	6	5	6	6	5	3	5
29	5	5	5	4	9	10	9	8	6	9	6	6	7	4	6	****	****	****	5	7	7	6	5	6	6
30	6	4	4	4	6	5	4	5	8	7	5	5	4	5	6	6	9	9	5	4	4	7	6	8	6
31	9	6	7	7	7	8	7	6	5	6	4	4	8	4	5	6	5	8	6	8	6	7	6	5	6
MEAN	5	6	6	6	6	6	6	6	6	7	6	6	5	6	6	5	6	10	10	10	6	5	6	5	6.2

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	10	10	9	6	6	4	6	6	7	9	7	7	6	7	56	125	107	22	5	5	3	3	18
2	5	5	5	5	7	6	6	6	6	****	4	-	5	5	8	3	3	3	3	4	3	2	5	5	5
3	4	3	2	4	4	5	4	3	6	5	4	3	4	3	3	5	6	4	4	4	3	3	4	5	4
4	3	3	3	4	4	5	2	4	4	4	5	6	7	7	5	6	5	7	5	5	5	4	6	6	5
5	7	7	6	6	7	6	4	5	5	4	4	2	6	4	4	3	3	3	4	3	3	4	5	4	5
6	6	5	4	5	4	3	4	3	4	4	6	5	4	3	3	3	2	5	5	4	2	4	4	4	4
7	5	4	4	4	4	4	4	5	4	6	4	3	3	4	5	5	3	3	4	5	4	5	6	4	4
8	5	6	5	5	6	4	5	2	7	4	5	6	4	3	4	4	4	3	2	3	3	5	3	4	4
9	3	4	5	5	3	5	5	5	5	6	6	7	6	8	6	5	5	6	4	5	4	4	5	4	5
10	2	4	4	6	3	3	2	3	3	5	3	5	4	3	4	4	6	4	3	4	4	5	5	3	4
11	4	3	4	4	4	4	3	3	4	4	4	3	4	6	6	5	4	4	4	4	5	4	6	5	4
12	6	5	5	4	5	5	4	4	4	4	6	3	4	5	4	4	8	6	6	4	5	6	7	4	5
13	6	6	6	6	4	4	6	4	4	6	6	4	4	6	6	6	7	8	7	7	8	8	7	-	6
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	4	6	4	3	4	7	6	6	8	6	6	4	4	******
17	4	7	4	9	6	4	6	6	8	7	8	6	2	2	3	3	3	2	3	6	6	6	6	3	5
18	6	6	8	9	3	4	3	3	3	4	6	-	7	6	4	3	4	7	4	6	6	4	3	4	5
19	7	4	3	7	7	6	2	3	3	3	6	2	3	-	-	4	6	3	2	4	3	4	7	3	4
20	3	4	7	6	8	7	8	7	6	7	7	3	8	****	****	****	****	****	****	****	****	6	6	7	4	6
21	3	4	4	3	6	7	7	7	8	7	6	7	4	****	****	****	****	****	****	****	****	****	****	****	******
22	3	3	4	6	7	8	4	6	4	7	6	4	4	4	7	8	6	7	****	****	****	4	4	8	5
23	7	4	4	3	3	4	4	6	3	4	4	4	3	6	6	4	6	6	3	3	3	7	4	6	4
24	9	3	2	3	3	4	3	4	7	2	3	2	3	3	3	4	3	7	3	3	4	7	6	6	4
25	9	7	6	3	2	3	6	3	6	4	3	3	4	3	3	4	4	8	6	4	4	6	4	4	5
26	4	7	4	6	4	3	3	2	4	3	6	3	-	6	3	4	6	4	3	4	3	3	3	3	4
27	4	3	4	4	3	3	3	4	4	3	4	3	2	2	4	2	4	3	4	4	3	8	4	4	4
28	3	3	4	4	4	4	2	3	3	2	3	2	3	2	3	3	3	3	3	4	4	3	3	3	3
29	3	3	2	3	4	4	6	6	4	6	3	3	3	2	3	4	3	3	4	4	3	4	6	3	4
30	4	6	3	7	4	3	3	4	3	4	7	4	4	2	6	3	4	4	4	4	6	4	2	6	4
MEAN	5	5	5	5	5	5	4	4	5	5	5	4	4	4	4	4	7	9	8	5	4	5	5	4	5.0

PERCENTAGE OF DATA VALID - 87.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 9.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	7	6	4	3	4	3	6	4	4	6	6	-	-	4	3	6	3	2	4	3	3	2	4
2	4	3	3	4	6	2	3	2	7	2	2	3	3	3	3	4	3	3	4	4	4	8	2	2	4
3	3	7	8	7	6	3	2	3	2	3	2	2	4	2	3	4	3	6	3	2	3	2	2	2	4
4	3	3	2	2	3	4	6	6	3	4	4	4	3	2	6	4	3	2	2	2	2	2	3	3	3
5	2	2	3	3	4	3	2	2	1	2	1	3	3	3	3	3	3	4	3	2	3	1	1	2	2
6	2	2	2	3	3	3	6	2	4	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	******
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	6	4	4	4	4	4	6	******
10	4	3	6	4	7	9	9	8	3	3	7	3	8	6	7	6	4	7	6	8	6	4	8	8	6
11	6	7	6	9	8	7	6	7	7	6	4	8	6	3	6	7	9	4	4	6	7	7	3	3	6
12	3	6	10	7	6	7	6	3	9	3	3	6	6	6	7	7	10	7	7	4	6	4	3	4	6
13	6	4	4	4	6	6	6	3	4	4	4	6	4	4	4	6	6	4	6	4	4	2	4	3	5
14	6	3	4	3	4	4	4	4	4	4	4	6	6	4	6	6	6	6	6	6	3	3	3	4	5
15	4	4	6	6	2	3	4	4	6	4	4	-	3	3	4	4	7	6	7	8	4	6	6	10	5
16	4	3	6	8	8	4	6	7	7	4	2	3	6	7	6	7	8	7	6	6	7	4	6	8	6
17	6	4	6	7	7	6	4	6	6	6	4	3	7	6	6	7	8	7	7	9	8	7	9	9	6
18	6	7	6	6	4	6	4	6	8	4	6	8	6	7	6	7	6	6	6	7	6	8	4	3	6
19	6	4	6	7	4	6	7	4	7	6	4	3	4	6	4	7	6	4	6	9	3	6	7	4	5
20	6	4	3	6	6	3	4	6	2	3	2	4	6	6	6	3	3	4	7	4	8	3	4	4	4
21	8	4	3	3	4	4	3	4	3	7	6	-	****	****	****	****	****	****	****	****	****	****	****	****	******
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30	****	****	****	****	****	****	****	****	****	****	****	****	6	6	4	4	4	4	3	3	4	6	6	3	******
31	2	2	6	4	2	2	3	4	6	4	4	3	3	3	3	3	3	3	4	4	4	3	2	2	3
MEAN	5	4	5	5	5	5	5	4	5	4	4	4	5	5	5	5	5	5	5	5	5	4	4	4	4.7

PERCENTAGE OF DATA VALID - 60.3 PERCENTAGE OF DATA INVALID - 29.0 PERCENTAGE OF DATA UNAVAILABLE - 10.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	4	3	3	2	3	2	3	2	2	2	6	4	3	3	4	4	7	4	3	3	3	3
2	6	6	3	3	7	4	6	9	4	4	4	7	4	3	4	4	3	6	3	6	7	4	3	7	5
3	7	8	3	3	4	6	4	4	2	3	7	8	7	4	4	3	3	3	3	6	4	4	6	4	5
4	3	4	6	3	3	2	4	3	3	2	4	-	3	4	3	3	2	7	9	7	6	3	4	3	4
5	3	2	2	1	2	2	2	2	2	2	3	2	3	2	3	3	2	2	2	2	2	3	3	3	2
6	3	3	2	2	2	2	2	2	2	3	2	4	3	2	2	4	4	4	3	4	3	3	3	3	3
7	2	3	7	3	2	3	3	3	4	4	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	2	2	1	1	2	1	1	1	1	******
12	1	1	1	1	2	3	3	2	2	2	1	1	2	2	2	2	2	2	3	2	3	1	2	2	2
13	2	2	2	1	1	1	1	1	2	3	3	2	2	2	2	2	3	4	4	2	2	2	3	3	2
14	3	6	6	2	2	2	3	1	3	3	3	2	2	2	3	2	2	3	2	1	1	2	2	2	3
15	2	1	1	3	4	2	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1
16	2	1	1	1	0	2	2	2	2	4	1	1	3	3	2	1	2	2	2	2	3	2	3	4	2
17	2	3	2	3	2	2	0	1	1	2	2	6	2	0	2	1	1	1	1	2	1	2	1	1	2
18	3	2	1	2	2	1	1	3	6	3	1	1	2	2	1	2	2	2	2	2	2	2	1	2	2
19	2	2	3	2	1	2	2	1	1	2	2	3	2	3	3	3	3	3	3	3	2	2	1	2	2
20	6	4	3	3	3	2	4	3	2	3	4	3	2	2	1	6	2	3	1	1	3	3	2	1	3
21	8	9	2	3	3	3	3	4	4	1	3	7	8	2	-	25	11	2	4	4	4	1	2	2	5
22	4	7	6	1	2	3	3	4	6	1	2	2	6	2	1	3	2	2	1	3	4	2	8	6	3
23	3	2	4	2	2	4	4	3	3	3	6	6	6	4	6	8	3	7	6	6	4	4	3	4	4
24	4	3	2	4	6	3	3	2	3	1	1	1	2	3	-	-	-	-	-	-	-	-	-	-	******
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	3	2	2	2	******
26	2	2	2	2	2	3	3	4	2	3	3	1	2	2	4	7	6	3	2	2	2	2	2	3	3
27	2	2	3	4	2	1	3	2	3	2	2	2	4	3	2	3	4	3	2	3	3	1	1	2	2
28	2	2	4	6	2	3	4	7	4	2	2	2	6	2	2	6	3	2	2	3	3	6	4	3	3
29	3	3	4	3	2	4	1	2	3	3	4	2	3	6	2	6	3	2	2	3	2	2	2	1	3
30	2	2	3	3	2	1	2	2	2	2	2	2	2	2	2	2	4	4	4	4	3	3	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	4	3	3	3	3	3	2	3	3	2.8

PERCENTAGE OF DATA VALID - 82.1 PERCENTAGE OF DATA INVALID - 13.5 PERCENTAGE OF DATA UNAVAILABLE - 4.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	3	2	3	2	2	2	3	3	4	6	4	-	1	1	2	3	2	3	2	2	3
2	3	3	2	3	2	2	4	3	3	3	3	1	1	1	3	2	4	3	1	2	2	1	1	3	2
3	6	3	6	7	4	2	2	1	2	2	2	1	2	2	2	2	2	2	3	3	3	4	2	3	3
4	2	4	3	3	3	4	2	1	2	3	2	1	3	4	4	7	3	3	1	2	2	2	2	2	3
5	3	2	2	2	2	2	2	2	1	3	3	2	2	4	7	8	4	4	1	1	2	2	3	4	3
6	2	1	1	1	2	2	2	2	3	1	2	6	2	3	2	1	3	3	4	3	2	2	3	2	2
7	2	3	4	3	3	3	3	4	3	4	3	2	2	2	2	3	1	0	2	3	4	3	4	3	3
8	3	2	2	2	3	2	3	3	4	2	4	2	4	1	4	3	3	3	3	2	1	2	3	1	3
9	3	2	2	2	1	2	4	6	7	9	6	6	4	3	4	1	-	2	2	0	1	2	3	2	3
10	1	2	2	2	2	2	2	2	2	2	2	0	2	1	1	2	3	1	2	1	3	****	****	****	2
11	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	4	2	3	3	1	2	2	2	3	******
12	3	3	3	3	2	2	2	2	3	2	3	3	1	2	-	7	6	7	7	2	7	6	7	6	4
13	6	6	7	7	6	6	6	8	7	C	C	4	7	C	7	C	C	4	6	6	4	4	4	7	6
14	6	4	4	7	6	7	4	4	7	7	6	6	6	6	6	7	4	6	7	4	4	4	6	4	6
15	6	6	7	4	4	4	6	6	6	6	7	7	7	4	6	4	4	4	7	6	6	6	7	9	6
16	13	10	9	9	8	8	7	7	7	7	7	7	7	6	7	7	7	6	7	6	6	6	6	7	7
17	4	6	6	6	6	6	6	8	6	6	7	4	7	6	6	4	4	6	7	6	6	7	6	6	6
18	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	7	7	7	4	6	6	******
19	6	7	6	6	6	6	6	4	3	4	3	4	7	6	-	-	1	1	1	2	2	2	2	2	4
20	2	2	3	1	2	2	2	2	2	2	3	2	2	2	1	1	1	2	1	1	1	2	2	2	2
21	3	2	2	3	1	1	1	2	2	2	3	2	2	2	8	3	1	1	1	1	2	1	1	2	2
22	1	1	1	1	1	3	3	4	1	1	2	3	4	6	2	2	2	3	3	3	4	1	2	1	2
23	4	3	4	3	1	1	3	3	1	-	3	2	3	4	6	4	6	4	3	3	2	2	3	3	3
24	2	2	3	2	2	1	2	3	3	3	2	3	2	2	2	1	0	1	2	1	1	2	1	2	2
25	3	4	4	2	2	3	2	3	3	3	2	3	1	2	3	3	2	2	1	2	3	1	3	2	2
26	4	2	1	2	1	1	3	2	3	2	2	2	1	1	2	3	3	3	2	1	2	2	3	2	2
27	6	2	2	2	4	3	4	6	2	2	3	2	2	2	1	2	2	3	3	2	2	2	3	3	3
28	2	3	3	1	2	2	3	2	3	3	3	4	3	3	3	6	3	3	1	4	2	2	2	2	3
29	3	3	3	3	3	3	2	3	3	3	3	6	4	3	6	4	4	-	3	4	4	3	3	4	3
30	2	2	3	4	3	2	1	2	2	2	2	2	3	2	1	2	4	3	2	3	4	2	2	2	2
31	3	3	3	1	2	2	3	3	1	2	1	2	3	2	4	6	4	6	3	2	2	2	2	3	-
MEAN	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	0.8	2	9
FEB	24	1.7	3	8
MAR	20	1.9	3	16
APR	2	4.0	4	7
MAY	22	4.1	7	11
JUN	20	4.7	7	26
JUL	19	5.3	9	41
AUG	28	6.2	13	105
SEP	26	5.0	18	125
OCT	17	4.7	6	10
NOV	23	2.9	5	25
DEC	29	3.3	7	13
YEAR	260	3.6	18	125

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	714	0	0	0	0	0	0	0	714
FEB	605	0	0	0	0	0	0	0	605
MAR	511	2	0	0	0	0	0	0	513
APR	68	0	0	0	0	0	0	0	68
MAY	534	1	0	0	0	0	0	0	535
JUN	487	2	1	0	0	0	0	0	490
JUL	500	4	3	1	0	0	0	0	508
AUG	692	8	3	3	1	2	0	0	709
SEP	629	0	1	1	0	2	0	0	633
OCT	449	0	0	0	0	0	0	0	449
NOV	589	1	1	0	0	0	0	0	591
DEC	705	1	0	0	0	0	0	0	706
YEAR	6483	19	9	5	1	4	0	0	6521

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74.2	0	0.2	1.5	2.8	4.0	6.0	7.0	8.2	9.0	125	3.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	7	5	6	5	6	6	8	7	5	4	4	4	4	6	5	4	3	4	4	5	7	5
2	5	7	8	7	6	7	6	10	9	8	8	9	4	6	6	5	6	6	5	4	3	7	7	6	6
3	4	4	6	4	8	7	6	4	4	8	5	6	6	-	4	4	4	6	5	3	4	2	3	2	5
4	3	4	6	4	6	5	4	4	3	4	3	4	5	6	6	7	10	10	7	10	10	6	10	8	6
5	10	8	5	4	6	6	10	5	7	6	8	8	12	13	11	12	8	7	5	6	6	6	5	6	8
6	4	4	2	4	5	5	4	6	5	3	2	3	4	6	8	6	4	5	2	6	9	8	8	8	5
7	6	6	6	-	5	8	8	6	5	6	4	5	-	-	5	5	6	4	4	2	3	2	2	2	5
8	1	1	4	1	0	0	2	1	3	5	3	1	1	2	4	3	-	4	2	3	4	3	2	3	2
9	3	3	3	3	3	4	3	3	2	2	3	3	5	4	3	6	4	3	4	5	5	6	6	6	4
10	7	8	8	6	6	6	4	2	4	3	4	1	1	1	2	2	2	1	2	0	1	2	2	1	3
11	4	4	2	2	2	2	3	3	2	2	2	0	4	5	6	7	5	4	4	4	4	4	4	2	3
12	4	3	2	1	1	4	2	4	5	6	6	5	4	2	4	4	2	1	3	2	2	3	2	2	3
13	2	2	4	1	2	2	2	2	2	0	1	3	2	3	1	0	3	4	3	3	-	-	-	-	2
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	3	4	5	5	6	6	6	******
15	2	2	4	6	7	8	8	7	3	4	7	3	7	5	4	6	5	3	1	1	3	4	4	4	5
16	5	5	6	7	4	4	5	6	4	2	2	4	6	3	6	6	4	4	2	4	2	4	5	6	4
17	8	6	4	4	2	4	5	2	3	2	2	3	3	6	6	5	4	4	4	4	4	4	4	5	4
18	6	6	4	5	6	7	6	4	5	6	2	1	2	2	3	4	5	6	4	2	5	6	2	3	4
19	5	5	6	6	6	5	4	6	6	2	2	2	3	5	4	5	4	2	2	4	4	2	4	5	4
20	6	5	5	6	5	3	3	1	2	3	4	2	3	1	2	3	2	1	1	3	4	4	3	3	3
21	2	2	5	5	4	4	5	3	2	4	6	7	4	4	2	2	3	4	5	4	5	5	5	5	4
22	7	6	5	4	6	4	4	5	6	6	6	5	3	4	5	5	6	7	5	6	7	6	3	4	5
23	4	4	5	5	6	3	2	4	5	6	5	6	1	-	-	-	6	5	5	5	5	5	5	5	5
24	3	3	4	3	3	5	5	5	6	7	7	7	6	5	6	7	6	4	4	6	7	4	6	7	5
25	5	5	6	5	5	7	5	4	7	7	7	6	6	4	-	3	****	****	-	-	-	-	-	-	******
26												- DATA UNAVAILABLE -														
27												- DATA UNAVAILABLE -														
28	-	-	-	-	-	-	-	-	-	-	-	-	2	5	6	-	4	6	6	6	7	8	6	7	******
29	6	7	6	6	10	11	10	6	8	10	11	9	7	6	4	-	9	10	7	8	6	4	3	4	7
30	3	4	3	3	4	6	5	5	4	3	3	4	4	5	6	7	7	9	8	8	9	9	8	5	6
31	6	6	7	6	6	7	8	6	8	6	7	8	7	5	3	-	3	3	3	4	5	5	5	3	6
MEAN	5	5	5	4	5	5	5	4	5	5	5	4	4	5	5	5	5	5	4	4	5	5	5	5	4.7

PERCENTAGE OF DATA VALID - 86.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 13.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	5	6	5	5	6	4	6	4	-	6	5	8	5	4	6	7	6	4	3	3	3	5
2	6	4	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	5	4	5	5	4	******
5	3	3	5	14	8	6	6	-	-	-	-	-	-	-	-	-	-	4	5	5	4	6	6	-	******
6	-	-	-	-	-	-	-	-	-	-	5	4	2	5	4	4	4	3	3	5	5	5	6	5	******
7	6	5	5	7	7	4	5	6	5	7	8	6	3	4	7	-	3	4	8	5	4	4	5	3	5
8	4	4	4	5	5	4	5	6	7	6	5	7	3	3	6	6	5	5	5	5	6	6	6	5	5
9	4	5	6	5	6	7	7	7	8	6	6	4	4	5	4	5	5	4	7	9	5	7	5	5	6
10	4	4	4	4	4	6	8	5	6	6	5	7	5	8	5	6	6	6	5	6	7	4	5	3	5
11	4	4	3	3	3	3	3	5	5	3	6	5	6	6	4	6	3	5	4	5	5	7	6	7	5
12	5	5	6	6	4	7	8	5	3	6	6	7	7	8	5	5	4	5	7	7	5	6	7	6	6
13	5	5	4	5	6	4	5	7	4	5	3	4	3	6	5	4	3	3	4	6	3	5	5	6	5
14	3	4	3	5	4	6	8	4	5	6	8	6	5	4	5	4	4	6	5	8	7	6	6	4	5
15	6	5	8	6	5	7	5	5	7	5	-	-	2	4	4	4	3	4	5	6	3	5	4	3	5
16	2	5	6	5	5	5	5	5	5	5	5	5	5	4	2	5	4	5	6	4	5	6	5	6	5
17	5	6	6	4	6	4	4	5	4	4	6	6	5	6	8	7	6	4	6	4	4	5	3	4	5
18	3	4	5	5	5	4	5	5	4	5	3	4	4	3	6	7	6	4	5	5	5	6	7	5	5
19	3	3	3	4	6	4	5	3	4	4	5	4	3	3	4	3	6	9	6	7	8	7	7	5	5
20	4	6	5	6	5	6	3	7	5	8	3	6	8	6	5	4	4	4	5	5	6	7	6	8	6
21	4	5	6	5	7	6	5	7	7	8	7	7	5	6	5	6	5	5	5	5	4	4	3	4	5
22	4	5	5	5	6	5	3	4	5	5	6	4	6	6	5	6	-	7	6	6	5	4	4	3	5
23	4	5	6	6	7	4	6	7	5	6	5	7	5	4	5	6	7	8	7	4	3	4	4	5	5
24	4	3	5	7	5	5	6	7	4	5	4	3	4	4	2	3	5	4	4	3	5	4	4	4	4
25	4	4	5	6	4	5	7	6	6	7	5	7	4	4	3	4	4	4	2	6	5	6	6	3	5
26	7	4	2	3	5	5	3	4	2	3	7	5	4	4	5	4	3	5	5	3	5	4	5	4	4
27	3	4	3	5	4	3	4	6	4	4	4	3	5	6	6	7	7	4	6	6	6	5	5	6	5
28	7	7	6	5	4	5	6	3	3	5	3	4	5	3	5	4	2	3	6	5	4	4	3	5	4
29	5	4	4	3	6	4	3	6	8	7	5	4	3	4	3	6	4	-	-	5	5	4	5	4	5
MEAN	4	5	5	5	5	5	5	5	5	6	5	5	4	5	5	5	4	5	5	5	5	5	5	5	5.0

PERCENTAGE OF DATA VALID - 87.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 12.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	4	4	4	5	6	3	4	7	6	4	7	3	6	3	4	4	4	3	6	4	3	5
2	6	5	5	6	7	7	4	4	5	3	5	4	4	5	5	3	4	5	6	6	5	5	5	4	5
3	4	6	5	3	4	3	4	3	4	6	4	4	3	4	4	-	-	6	5	5	5	6	5	3	4
4	5	4	3	5	6	3	5	4	6	5	6	5	4	3	6	7	8	8	9	9	7	8	5	5	6
5	6	5	5	8	7	8	8	8	7	8	8	8	4	9	7	11	9	8	8	8	7	8	6	6	7
6	6	7	6	6	6	6	6	7	6	8	7	6	2	4	2	3	3	4	5	7	6	5	5	6	5
7	4	6	5	6	7	6	6	7	9	6	7	8	4	5	8	9	6	10	9	5	5	6	7	4	6
8	4	4	5	5	4	5	5	5	4	4	3	4	4	5	5	6	7	6	6	5	6	5	4	5	5
9	5	7	5	5	7	7	6	7	8	9	5	5	7	7	6	5	4	3	5	4	6	7	5	4	6
10	8	5	5	6	5	4	3	3	5	7	7	2	6	8	6	-	-	4	6	7	7	9	7	5	6
11	4	3	5	5	6	6	7	8	8	6	5	4	3	4	3	4	5	6	6	5	6	5	4	6	5
12	2	3	4	4	5	3	6	3	4	4	3	4	4	3	3	5	5	6	6	5	4	6	8	8	5
13	5	7	8	8	8	7	7	6	4	6	8	9	5	7	5		7	6	6	6	7	6	7	6	7
14	5	6	7	4	6	8	7	6	4	5	5	7	5	5	4	4	5	5	3	3	5	6	5	4	5
15	4	5	3	3	3	4	4	4	2	4	3	4	7	7	6	8	7	4	7	9	7	6	4	6	5
16	3	5	5	4	5	6	7	5	3	4	3	4	3	4	6	5	5	7	4	5	6	6	8	6	5
17	7	8	7	4	5	5	5	4	6	4	6	3	4	5	3	4	6	7	4	7	6	4	4	4	5
18	6	5	5	5	6	6	4	3	2	6	4	3	3	4	5	4	4	4	3	4	6	5	5	8	5
19	3	5	4	5	6	5	5	7	6	3	6	7	4	6	-	-	-	-	-	-	-	-	-	-	******
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	5	5	5	5	6	5	5	5	5	5	5	5	4	5	5	6	6	6	6	6	6	6	5	5	5.3

PERCENTAGE OF DATA VALID - 59.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 40.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	6	2	2	2	******
19	2	2	2	2	2	2	2	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	****	****	****	2	2	2	2	4	3	2
23	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
24	2	3	3	2	2	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
25	1	2	2	2	2	2	2	2	2	1	1	2	2	1	2	2	2	2	2	2	10	7	2	2	2
26	2	2	4	5	13	6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3
27	2	2	3	3	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	3	3	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	3	2	3	2
29	2	2	2	2	2	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	4	8	2	2	0	-
MEAN	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2.2

PERCENTAGE OF DATA VALID - 40.8 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 58.6

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	2	2	2	3	2	3	3	3	3	2	2	2	3	3	2	2	2	2	1	1	2	2	2	2
2	2	2	2	1	2	2	2	2	2	3	2	-	2	2	1	1	1	1	1	1	3	2	3	2	2
3	8	8	6	5	4	5	9	8	7	8	3	2	4	4	5	4	2	2	2	4	1	1	2	1	4
4	2	2	2	2	2	1	2	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	3	2
5	6	6	2	1	2	2	4	2	2	1	2	2	2	2	2	2	2	2	2	2	5	4	5	2	3
6	2	1	1	1	1	2	1	2	3	2	2	1	1	2	2	2	1	2	3	5	4	3	1	1	2
7	1	1	1	1	2	3	3	1	1	1	2	3	2	2	2	1	1	1	1	1	1	2	3	6	2
8	6	5	10	15	5	-	-	-	-	-	-	-	-	-	-	-	2	3	3	3	4	1	1	1	******
9	1	1	4	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	2	4	3	3	2	2
10	16	1	4	9	7	10	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
11	1	1	1	1	1	1	1	1	1	1	2	1	3	2	4	5	3	2	2	2	2	1	1	1	2
12	1	1	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1
14	1	2	3	2	3	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	2	4	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	******
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	2	2	2	1	1	1	1	1	1	******
21	1	1	1	1	1	1	3	4	3	2	2	2	2	1	1	2	2	4	2	3	5	5	5	6	3
22	4	6	6	5	5	5	3	2	2	2	3	3	2	1	1	1	1	1	3	2	3	4	3	3	3
23	11	4	6	7	8	6	3	2	2	2	1	2	2	-	1	1	1	1	3	5	3	6	11	13	4
24	10	5	4	5	4	5	4	3	3	3	3	2	8	7	3	3	6	10	5	4	9	10	3	2	5
25	3	4	2	2	3	3	2	2	1	1	1	1	1	1	2	1	1	1	1	1	3	3	1	2	2
26	1	2	5	5	1	1	1	1	1	1	1	2	-	1	1	2	3	3	3	1	2	3	2	2	2
27	2	2	2	2	1	1	1	1	1	2	2	2	1	2	2	2	2	1	2	4	4	3	4	2	2
28	2	2	3	4	6	5	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	3	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	2
30	2	2	3	3	2	3	3	6	3	4	4	3	3	3	3	3	2	2	3	3	3	4	4	2	3
31	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
MEAN	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 81.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 18.3

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	2	2	1	2	2	2	2	2	2	1	2
2	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	-	3	3	3	3	3	3	4	3	2
3	3	3	3	3	2	5	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3
4	1	2	2	2	2	2	2	2	2	2	3	3	2	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	4	2	2	2	2	2	******
7	3	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	2
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	2	2	2	2	2	2	4	5	******
11	5	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	5	4	2	2
12	4	5	8	5	4	4	4	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3
13	3	3	5	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	6	11	2	4	4	3	2	2	2	3	3	2	3	2	3	3	3	4	4	4	3	3	3	2	3
15	2	3	5	4	3	4	3	3	2	2	2	2	3	2	3	2	2	2	2	2	2	1	1	1	2
16	2	2	2	2	3	2	1	2	2	2	1	2	2	1	1	1	1	1	1	1	1	2	1	1	2
17	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	3	73	3	5
18	3	3	14	9	20	11	11	5	6	8	8	6	6	6	4	3	3	3	2	4	3	4	2	3	6
19	4	4	4	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	5	2	2
20	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	4	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	2	2
22	2	2	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	3	2	3	3	3	4	2	2	3	5	7	7	10	5	9	9	7	7	6	5	5	5	5
24	10	5	8	12	12	8	5	8	9	-	8	9	9	8	5	7	8	8	8	6	7	9	8	9	8
25	7	11	9	8	8	11	10	9	9	6	9	6	9	8	8	5	6	6	4	5	5	8	5	8	8
26	6	7	6	6	6	5	8	7	7	10	7	9	7	7	4	5	6	5	7	9	5	7	7	8	7
27	8	12	7	7	4	4	6	9	9	5	7	4	4	5	6	5	4	5	5	6	6	7	7	6	6
28	9	8	6	8	6	7	6	4	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	4	4	4	4	4	4	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	4	7	3	3.6

PERCENTAGE OF DATA VALID - 75.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 24.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8	8	9	6	7	7	7	6	******
3	6	7	7	6	6	2	6	6	5	7	8	8	5	5	8	8	6	5	7	10	11	12	7	8	7
4	7	8	7	6	4	4	9	7	8	6	5	6	7	8	7	7	5	7	7	7	8	9	6	5	7
5	4	5	6	7	8	8	8	11	8	9	8	6	7	7	11	11	10	7	10	5	7	8	7	4	8
6	5	6	5	6	8	6	7	7	6	5	5	5	5	6	3	5	6	5	6	6	4	8	6	5	6
7	6	5	6	5	5	5	5	5	5	3	5	7	3	5	6	3	4	5	6	6	6	5	9	10	5
8	8	7	7	9	10	9	8	9	9	10	11	12	7	8	5	6	7	4	2	6	6	5	8	8	8
9	3	2	4	5	6	8	8	7	8	9	9	10	5	4	7	6	5	5	8	8	9	11	5	6	7
10	6	6	10	9	6	7	4	6	5	6	6	4	2	4	4	4	5	5	6	4	7	7	7	6	6
11	9	4	8	10	9	6	9	7	5	7	-	8	3	9	8	8	8	6	2	3	6	3	3	8	6
12	5	5	3	4	3	3	4	2	3	2	5	6	5	6	5	4	:	2	2	5	6	5	3	3	:
13	5	6	3	4	3	5	6	6	5	6	7	6	3	4	6	5	3	4	5	7	6	12	13	22	6
14	5	6	7	11	10	5	6	6	9	3	6	9	7	8	12	-	2	3	5	7	6	5	4	8	7
15	3	4	4	6	5	6	7	6	4	6	7	6	4	6	3	8	6	5	6	5	5	6	6	6	5
16	5	6	7	6	5	6	5	5	5	5	6	8	6	9	3	4	3	4	5	6	7	8	6	5	6
17	2	5	9	10	6	7	9	9	10	8	5	7	10	9	9	7	5	7	5	4	8	6	5	5	7
18	5	3	1	2	5	4	4	3	2	3	3	5	4	6	5	6	7	6	3	5	8	7	6	7	5
19	4	8	8	4	5	9	7	8	5	5	6	3	7	5	8	7	7	5	5	6	7	8	10	8	6
20	4	6	6	6	7	6	6	8	4	4	5	6	4	5	4	4	5	8	4	5	5	7	6	3	5
21	3	5	25	13	8	6	9	8	8	6	7	9	10	9	7	4	6	6	9	4	3	6	9	3	8
22	5	5	5	6	6	7	6	5	2	4	5	5	6	5	7	5	6	6	6	3	5	6	5	5	5
23	2	3	5	6	3	7	7	7	5	9	6	4	2	4	5	5	7	5	4	5	5	6	8	4	5
24	3	4	4	6	6	4	6	7	9	8	6	5	1	2	-	4	8	5	3	3	7	6	6	13	5
25	30	69	77	24	10	11	12	10	5	6	5	6	3	4	6	6	3	4	4	5	6	6	5	3	13
26	5	8	3	5	5	6	5	4	4	5	5	6	5	6	5	6	7	7	8	9	8	8	6	8	6
27	6	7	8	7	7	5	6	8	6	7	5	7	4	5	5	3	5	7	8	7	3	4	3	5	6
28	6	7	7	8	3	8	7	8	5	3	4	6	2	6	5	5	4	6	-	-	-	-	-	-	6
29	-	-	-	-	-	-	-	-	-	-	-	6	7	7	8	7	9	10	7	6	8	10	10	10	******
30	8	9	11	6	9	6	6	8	1	7	9	9	2	5	8	11	9	5	8	9	6	9	10	5	7
31	6	6	7	9	8	6	8	6	8	9	9	5	-	7	8	5	5	6	6	9	9	8	7	8	7
MEAN	6	8	9	7	6	6	7	7	6	6	6	7	5	6	6	6	6	6	6	6	7	7	7	7	6.4

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 8.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	9	6	12	13	11	9	8	10	5	3	11	10	12	-	6	6	8	9	10	7	7	9	12	9
2	6	6	7	4	10	13	14	14	8	8	9	8	7	5	5	6	8	7	6	3	5	5	10	9	8
3	45	30	17	8	8	8	8	9	9	9	6	6	11	10	12	9	12	9	9	12	11	13	7	6	12
4	9	12	7	6	8	6	7	6	7	11	11	9	5	6	6	7	8	5	10	11	10	8	8	7	8
5	6	5	6	10	9	5	9	7	10	5	7	9	6	7	11	13	14	12	14	13	19	15	9	10	10
6	12	13	18	16	17	17	21	18	15	16	10	13	7	10	9	8	4	6	5	6	4	8	9	10	11
7	9	6	5	7	6	6	9	9	9	8	8	8	8	6	6	6	6	9	8	8	6	5	7	10	7
8	7	9	12	8	8	6	7	6	9	-	-	8	9	6	5	7	6	6	6	6	10	7	14	10	8
9	12	8	7	3	4	8	9	8	6	6	4	5	6	6	4	7	8	7	3	8	6	6	8	6	6
10	4	3	4	6	6	6	4	5	3	6	4	6	5	3	5	6	4	5	8	6	6	6	5	4	5
11	6	5	4	7	9	5	5	5	5	9	10	6	6	8	6	3	5	6	6	5	8	6	10	4	6
12	9	10	5	4	6	3	6	4	6	6	6	7	7	5	6	8	8	5	5	6	5	5	6	8	6
13	4	5	7	5	5	6	4	6	6	5	5	5	7	5	9	4	4	5	7	6	5	6	10	6	6
14	4	3	5	6	6	6	8	8	4	6	7	6	5	7	10	7	7	7	6	6	6	8	6	6	6
15	5	6	5	5	5	2	6	4	5	6	5	7	3	-	-	5	4	5	6	9	9	6	4	7	5
16	5	3	5	8	7	5	5	5	4	6	4	4	3	3	6	6	4	4	3	4	6	7	5	6	5
17	4	5	6	12	8	5	6	5	7	6	6	4	5	5	4	6	6	5	7	7	5	6	6	3	6
18	4	6	5	3	3	4	4	4	6	7	5	5	8	4	5	8	6	6	6	6	6	6	5	7	8	5
19	6	12	9	8	8	7	6	8	5	4	3	6	6	5	-	7	7	9	4	7	11	7	8	10	7
20	6	6	5	5	8	9	5	4	7	4	6	7	5	6	7	4	6	5	6	8	6	7	7	8	6
21	6	7	8	8	8	7	8	6	5	6	6	6	6	7	5	6	5	5	6	6	8	7	7	8	7
22	9	5	7	7	7	6	7	6	9	9	6	5	6	6	7	7	8	7	7	9	6	6	5	6	7
23	5	7	8	7	8	5	6	7	7	4	7	7	4	6	5	6	8	8	7	7	11	8	3	5	7
24	8	6	9	7	3	7	7	6	5	4	4	5	6	5	8	9	8	7	6	7	9	14	9	10	7
25	9	11	9	9	10	4	6	9	8	6	6	8	4	4	4	8	4	5	6	4	5	7	6	5	7
26	5	7	5	7	9	8	2	5	5	7	8	5	9	6	7	5	6	6	8	7	10	5	6	7	6
27	5	5	7	8	5	5	13	6	8	7	5	3	9	10	6	10	10	6	7	6	5	10	8	6	7
28	9	8	8	6	7	8	5	7	7	9	7	7	5	8	9	11	9	14	11	12	12	15	11	8	9
29	10	11	13	14	12	14	13	9	12	19	19	22	16	35	23	19	12	16	10	9	9	12	10	8	14
30	9	11	9	8	7	9	8	9	6	12	6	9	7	7	11	15	13	15	12	12	13	9	12	10	10
31	7	15	14	12	15	15	14	9	9	12	10	7	9	11	14	11	11	13	12	12	8	10	11	11	11
MEAN	8	8	8	8	8	7	8	7	7	8	7	7	7	7	8	8	7	8	7	8	8	8	8	8	7.6

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	12	13	11	12	10	7	9	10	11	14	13	13	15	15	15	16	13	13	11	17	10	13	11	12
2	8	8	9	10	10	11	8	10	7	14	16	14	15	16	12	6	8	10	11	13	18	10	10	12	11
3	8	7	8	5	6	9	5	5	8	10	9	5	5	7	12	11	14	9	9	15	18	18	19	16	10
4	13	13	16	13	13	16	15	12	11	14	15	20	21	17	13	11	11	12	7	9	10	8	8	8	13
5	9	8	15	7	11	14	11	12	7	7	6	8	11	12	9	9	6	6	7	14	14	16	13	7	10
6	11	6	11	10	11	9	8	8	10	5	7	5	9	7	6	9	8	7	10	9	6	8	4	3	8
7	5	4	6	4	3	4	3	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	10	11	18	13	10	12	14	9	******
9	11	8	10	9	7	8	6	8	12	11	11	12	10	10	9	9	10	9	12	5	7	5	5	6	9
10	4	4	4	4	4	5	5	4	4	-	-	-	7	5	3	5	4	5	10	16	12	17	17	6	7
11	5	4	9	13	11	5	6	4	5	6	6	7	6	8	8	4	6	6	6	8	12	11	12	9	7
12	7	10	7	7	5	6	7	6	6	-	-	-	6	5	6	4	4	5	5	6	6	5	5	6	6
13	5	5	7	5	5	4	7	6	7	5	6	6	9	8	6	6	6	7	4	4	5	5	6	-	6
14	8	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
15	- DATA UNAVAILABLE -																								
16	-	-	-	-	-	-	-	-	-	-	-	7	6	8	8	6	5	7	5	5	7	7	6	4	******
17	6	7	7	6	5	5	7	6	6	4	5	5	5	7	9	8	5	6	5	4	5	9	9	8	6
18	7	7	6	6	7	6	9	9	6	7	6	5	5	7	5	-	7	6	6	5	4	7	9	9	7
19	5	6	5	7	6	5	7	6	7	7	8	7	8	9	10	11	12	12	12	13	11	9	6	8	8
20	11	8	12	11	8	9	11	10	5	8	8	7	10	9	11	10	10	10	8	12	12	11	9	9	10
21	12	14	13	10	11	9	10	10	8	10	13	11	8	11	11	13	12	13	11	11	8	9	9	14	11
22	13	8	11	14	14	12	10	9	8	10	6	10	12	8	7	8	8	3	6	7	7	6	5	8	9
23	6	6	7	7	5	3	5	6	4	4	5	5	6	6	4	6	5	5	6	3	5	4	4	7	5
24	8	6	6	6	7	7	7	6	7	5	6	5	3	4	6	7	5	3	6	6	5	8	6	5	6
25	8	7	6	9	10	10	8	9	8	6	4	7	7	6	-	8	5	7	7	6	8	6	8	8	7
26	6	4	5	8	5	8	8	7	7	7	7	9	6	6	4	5	6	5	7	5	6	5	5	6	6
27	5	5	7	7	8	8	9	14	8	8	7	7	5	7	7	5	8	8	8	8	8	6	4	6	7
28	5	4	7	7	5	9	5	6	7	9	9	10	9	7	8	7	6	5	6	8	7	9	6	7	7
29	7	7	7	4	6	7	5	7	8	8	6	5	6	6	6	10	11	10	8	7	8	7	8	8	7
30	5	6	7	6	7	6	5	10	9	7	5	8	-	-	5	6	9	10	9	8	9	7	9	8	7
MEAN	8	7	9	8	8	8	7	8	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	8.1

PERCENTAGE OF DATA VALID - 86.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 13.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	8	7	6	8	7	4	4	8	6	5	3	5	6	-	5	5	8	7	7	8	7	7	8	6
2	8	7	6	7	8	9	9	8	7	6	5	3	4	4	2	3	4	5	5	6	6	7	8	7	6
3	6	8	6	6	5	5	7	8	8	6	5	4	3	5	6	7	5	4	6	4	3	3	5	6	5
4	5	6	6	8	8	6	5	4	5	4	5	4	4	4	5	6	4	5	6	7	5	5	7	9	6
5	8	7	8	6	7	8	8	9	8	8	7	6	6	6	7	8	6	7	8	6	6	6	9	6	7
6	6	10	9	10	9	12	14	11	7	8	8	4	5	6	8	9	4	3	4	8	9	7	4	8	8
7	8	9	5	7	8	6	6	7	8	9	8	6	7	-	-	-	-	-	-	-	-	-	-	-	******
8												- DATA UNAVAILABLE -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	6	8	7	4	3	4	******
22	4	3	3	6	6	6	5	4	4	6	6	3	5	6	7	6	3	8	5	6	5	7	9	4	5
23	8	8	6	5	7	7	9	8	4	5	3	4	6	6	-	-	7	8	6	5	7	8	9	6	6
24	4	5	6	7	8	5	6	8	6	7	4	5	4	5	6	4	6	7	7	8	7	3	4	9	6
25	8	7	8	9	9	8	8	7	5	9	7	6	4	7	5	4	6	6	6	8	5	7	6	8	7
26	7	6	9	3	6	7	5	7	3	5	7	8	8	8	7	5	5	5	4	4	5	8	6	7	6
27	6	6	2	4	3	6	6	7	6	6	5	6	7	8	6	-	5	6	4	6	8	4	5	6	6
28	5	6	5	7	8	7	7	4	6	4	5	6	6	7	6	9	11	8	4	2	7	10	6	6	6
29	5	8	6	7	10	8	9	14	6	9	6	7	7	6	8	8	8	8	8	7	6	6	6	5	7
30	6	7	8	8	6	5	9	4	8	5	5	6	4	8	7	-	-	-	9	9	5	9	7	9	7
31	9	8	7	10	9	7	6	8	8	9	8	9	5	7	8	9	10	4	10	5	8	4	4	6	/
MEAN	6	7	6	7	7	7	7	7	6	7	6	5	5	6	6	6	6	6	6	6	6	6	6	7	6.4

PERCENTAGE OF DATA VALID - 53.5 PERCENTAGE OF DATA INVALID - 25.5 PERCENTAGE OF DATA UNAVAILABLE - 21.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	11	9	8	8	12	12	7	4	2	9	8	6	8	6	5	6	8	7	5	3	7	6	7
2	7	3	8	9	6	3	9	7	8	9	5	5	7	7	4	3	2	4	4	9	7	6	6	8	6
3	13	10	9	8	10	6	3	9	12	6	6	4	6	7	10	7	7	8	6	6	8	6	7	8	8
4	4	5	4	2	8	8	5	5	7	8	8	7	7	5	9	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	7	9	4	5	6	9	7	4	8	******
7	8	9	8	10	11	3	6	9	10	9	7	6	5	5	9	3	6	8	11	7	7	6	7	8	7
8	10	11	10	8	7	6	9	8	4	4	6	5	6	10	6	6	7	5	10	8	6	8	8	7	7
9	5	5	7	10	6	9	7	6	5	6	5	5	7	6	6	5	6	5	5	6	6	5	5	6	6
10	4	5	5	7	5	6	6	9	9	5	6	6	6	7	6	6	9	11	7	9	8	9	7	10	7
11	7	7	7	9	11	9	9	10	8	6	7	8	5	-	-	4	5	7	7	5	5	5	6	7	7
12	7	5	5	5	6	5	7	9	8	4	7	8	5	5	7	11	9	7	11	9	7	11	6	8	7
13	5	6	7	6	6	7	5	9	6	7	5	5	6	5	8	3	10	9	7	7	6	7	10	8	7
14	11	9	9	10	9	10	9	4	7	6	9	3	5	9	5	8	5	5	8	10	9	6	6	5	7
15	8	3	6	4	6	8	10	8	7	6	5	2	5	4	5	7	5	9	8	2	4	5	9	6	6
16	7	3	5	6	5	6	4	1	4	6	9	8	7	9	10	6	8	8	6	5	8	5	4	4	6
17	8	6	10	7	7	8	5	10	8	3	8	7	8	7	8	5	8	6	8	5	5	6	3	8	7
18	5	6	8	9	9	9	8	9	8	9	7	6	5	5	3	6	7	9	2	4	6	7	7	8	7
19	7	6	5	6	8	9	9	8	8	7	7	9	4	8	-	6	8	9	9	6	8	5	6	3	7
20	6	7	7	5	5	4	2	2	3	4	5	4	5	4	5	4	4	6	6	6	8	6	6	5	5
21	6	3	4	5	7	6	6	8	4	6	6	8	9	9	10	9	8	8	6	6	9	8	7	8	7
22	9	8	9	9	8	8	5	5	6	7	6	5	7	2	7	9	9	12	7	7	8	9	7	2	7
23	6	4	8	10	8	9	10	10	11	3	10	0	6	8	9	9	10	4	3	3	9	7	6	4	7
24	7	6	8	9	6	10	5	5	6	7	8	6	9	12	-	-	-	-	-	-	-	-	-	-	******
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8	8	6	8	9	9	7	9	10	******
26	5	5	6	5	13	12	8	9	6	6	6	5	5	6	7	10	6	7	9	4	5	6	7	8	7
27	10	8	10	6	6	11	9	9	10	6	7	6	9	7	6	8	7	6	6	8	4	6	7	8	8
28	9	8	8	9	4	10	10	10	12	11	8	6	-	7	7	8	8	9	6	5	4	7	7	9	8
29	6	8	6	7	9	8	8	7	7	6	5	5	5	8	9	10	10	10	9	8	7	4	5	6	7
30	7	6	6	6	4	6	7	4	6	9	6	5	7	6	5	6	7	3	7	8	9	6	7	8	6
MEAN	7	6	7	7	7	8	7	7	7	6	7	6	6	7	7	7	7	7	7	6	7	6	7	7	6.9

PERCENTAGE OF DATA VALID - 89.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	4	7	8	5	7	7	9	9	9	9	7	7	6	11	10	11	9	9	8	9	9	9	8
2	4	7	8	7	8	7	8	9	4	8	6	8	7	9	9	7	-	5	6	7	4	7	6	6	7
3	5	5	6	5	7	7	7	6	6	4	4	5	6	4	3	4	6	6	4	4	5	6	5	5	5
4	5	5	5	8	6	5	4	4	3	4	4	4	5	4	4	4	6	4	4	5	4	4	5	6	5
5	4	3	5	6	5	6	7	2	8	4	4	3	6	4	3	4	4	7	6	6	4	7	3	5	5
6	4	5	5	5	6	4	4	4	6	6	3	4	6	5	6	4	5	5	4	7	7	8	4	5	5
7	5	6	7	6	7	8	4	8	8	8	4	7	5	6	5	6	6	7	6	5	8	5	6	7	6
8	6	8	6	6	8	6	8	6	8	6	6	9	5	5	5	9	5	6	5	5	4	6	6	5	6
9	3	5	3	5	6	8	6	7	7	5	5	4	3	2	4	-	5	6	7	5	4	5	8	8	5
10	8	7	7	7	8	5	5	6	6	6	6	7	6	5	9	6	6	6	6	7	6	5	5	7	6
11	5	5	5	5	4	4	4	5	6	3	5	6	4	4	6	9	5	4	3	5	6	8	6	6	5
12	6	8	9	4	6	4	4	8	8	9	8	5	7	10	****	****	****	****	****	****	****	****	****	****	******
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	6	6	6	5	6	5	3	******
18	4	-	-	-	-	-	-	-	-	-	-	-	5	4	5	6	5	4	5	5	5	5	4	4	******
19	5	6	6	4	4	5	5	4	3	3	4	4	3	5	5	6	4	4	5	4	5	5	5	7	5
20	8	4	5	8	6	6	6	5	5	6	5	5	5	5	6	6	5	5	7	6	4	5	6	5	6
21	2	3	6	6	5	7	7	6	7	5	6	6	4	4	4	6	6	5	5	4	4	4	6	3	5
22	4	7	5	6	4	4	4	6	8	5	3	4	5	6	5	6	6	8	4	4	6	6	5	3	5
23	4	5	4	6	7	7	4	7	3	4	-	-	5	4	2	4	3	3	3	3	4	3	4	2	4
24	3	4	5	5	4	5	5	5	4	5	6	3	2	2	2	2	3	3	3	5	5	3	3	6	4
25	4	2	5	4	3	2	4	3	4	3	4	3	4	5	2	4	3	5	5	3	4	3	4	4	4
26	3	3	3	3	4	6	3	3	4	3	2	4	4	6	6	4	5	5	4	4	3	4	2	2	4
27	3	4	3	3	3	3	3	3	2	4	3	3	3	4	4	2	5	2	3	3	3	3	5	4	3
28	4	4	5	4	4	3	6	4	4	6	4	2	2	2	4	4	3	3	4	3	5	4	3	4	4
29	7	6	4	4	5	6	6	6	6	6	5	3	6	6	5	6	-	5	6	7	5	6	5	4	5
30	5	6	4	4	4	2	3	4	2	2	3	3	4	2	4	3	2	2	6	4	3	2	4	6	4
31	6	5	4	5	4	5	3	5	3	5	5	5	4	4	4	2	4	5	3	3	3	4	4	4	4
MEAN	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5.0

PERCENTAGE OF DATA VALID - 81.5 PERCENTAGE OF DATA INVALID - 13.4 PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	4.7	8	13
FEB	24	5.0	6	14
MAR	18	5.3	7	11
APR	12	2.2	3	13
MAY	24	2.4	5	16
JUN	21	3.6	8	73
JUL	28	6.4	10	77
AUG	31	7.6	14	45
SEP	25	8.1	13	21
OCT	16	6.4	8	14
NOV	25	6.9	8	13
DEC	24	5.0	8	11
YEAR	274	5.5	14	77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	639	6	0	0	0	0	0	0	645
FEB	606	1	0	0	0	0	0	0	607
MAR	440	1	0	0	0	0	0	0	441
APR	293	1	0	0	0	0	0	0	294
MAY	603	5	0	0	0	0	0	0	608
JUN	532	9	1	0	1	0	0	0	543
JUL	660	18	4	0	2	0	0	0	684
AUG	637	95	4	2	0	0	0	0	738
SEP	497	124	2	0	0	0	0	0	623
OCT	393	5	0	0	0	0	0	0	398
NOV	623	22	0	0	0	0	0	0	645
DEC	604	2	0	0	0	0	0	0	606
YEAR	6527	289	11	2	3	0	0	0	6832

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
77.8	0	1.4	3.3	4.8	6.0	8.4	9.8	12.0	13.9	77	5.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	6	2	4	4	4	4	5	4	4	5	4	5	6	5	5	5	4	4	5	4	4	5	4
2	6	6	5	6	4	4	4	5	5	4	6	5	7	7	7	6	5	6	7	6	4	6	6	5	6
3	7	6	7	8	6	6	7	6	9	10	8	7	10	8	7	-	6	5	4	6	7	6	8	7	7
4	6	6	7	4	7	7	6	4	8	6	7	7	6	6	6	7	5	5	7	7	8	5	5	6	6
5	6	5	6	6	6	7	7	5	6	5	6	6	4	5	6	5	5	4	5	5	5	8	7	4	6
6	6	6	5	5	4	4	3	4	4	5	4	4	4	4	4	4	5	5	6	6	6	6	5	5	5
7	3	4	4	5	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14	-	-	-	-	-	-	-	-	-	-	-	-	-	12	11	7	8	7	6	7	7	6	4	6	******
15	4	4	4	4	4	4	3	4	4	5	4	4	5	6	4	4	4	4	3	3	4	5	4	4	4
16	5	5	4	4	4	4	4	5	5	5	4	5	4	4	5	6	-	5	4	3	3	3	3	3	4
17	2	3	3	2	2	2	2	2	2	2	2	3	4	4	4	-	-	-	-	-	-	-	-	-	******
18	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	3	3	3	4	2	3	2	2	******
19	3	3	3	4	4	3	3	2	2	3	3	4	2	4	2	3	4	3	2	3	3	1	2	2	3
20	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	3	4	3
21	5	4	4	4	3	3	4	3	3	4	4	4	2	2	2	3	3	3	4	2	3	2	2	2	3
22	2	2	2	2	2	1	2	2	3	3	3	4	3	3	2	4	4	4	3	4	2	4	3	3	3
23	3	4	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	4	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5	5	5	4	5	5	5	4	4	4.4

PERCENTAGE OF DATA VALID - 44.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 55.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	4	3	4	3	5	******
2	3	3	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3	- DATA UNAVAILABLE -																								
4	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	1	2	3	3	4	3	2	4	******
5	5	4	3	5	4	5	3	5	4	4	3	-	3	3	3	4	3	2	3	3	4	4	3	4	4
6	5	5	5	4	4	5	5	3	4	3	3	3	4	4	4	-	4	3	3	4	4	3	3	5	4
7	3	3	3	4	5	5	3	4	3	4	2	3	3	2	4	2	1	3	3	3	2	4	4	3	3
8	3	3	4	5	4	5	4	3	4	4	4	2	2	4	3	-	3	2	3	3	4	4	3	4	3
9	4	3	4	3	3	4	4	2	4	4	3	3	5	2	3	3	3	2	2	3	4	2	4	4	3
10	5	3	4	4	5	3	3	3	2	4	2	3	3	3	2	3	4	3	3	4	3	3	3	4	3
11	5	4	4	4	4	4	3	5	4	3	-	4	5	7	4	5	3	5	4	4	4	4	2	2	4
12	4	3	5	4	3	3	4	6	5	4	5	4	4	4	5	4	4	5	4	4	4	4	5	5	4
13	5	4	4	5	3	5	3	4	5	5	4	4	4	4	4	4	5	4	4	4	4	5	5	4	4
14	5	4	4	5	4	5	5	5	4	4	5	4	3	3	3	2	4	3	3	3	4	3	4	4	4
15	4	4	5	4	5	5	5	4	4	4	4	3	-	3	5	4	3	4	4	5	4	4	4	2	4
16	3	3	3	4	4	3	5	4	5	3	3	4	4	3	4	3	3	3	4	2	4	4	3	3	4
17	4	3	6	4	4	4	4	4	4	4	3	4	3	5	3	4	3	4	3	5	3	4	4	3	4
18	4	5	4	4	6	5	5	4	4	4	5	3	5	5	4	7	3	4	5	5	5	6	5	5	5
19	4	4	5	4	4	5	4	5	4	4	4	3	5	5	5	5	4	4	4	5	4	3	2	3	4
20	4	4	4	4	5	4	4	5	4	5	3	4	3	6	5	5	5	5	4	5	4	5	6	3	4
21	4	4	5	4	5	5	5	5	5	4	3	4	3	3	3	4	4	7	5	5	4	4	4	4	4
22	5	5	4	5	6	6	5	5	4	4	4	6	5	4	5	5	5	5	5	3	4	4	3	5	5
23	5	6	5	5	5	4	4	4	4	6	3	4	5	3	3	2	3	4	4	4	5	3	4	5	4
24	5	5	5	5	5	5	5	4	3	4	5	5	4	4	4	3	4	4	4	4	4	3	4	5	4
25	3	5	4	4	5	3	5	4	4	5	3	5	4	4	3	4	4	5	4	5	5	4	5	3	4
26	5	4	4	5	4	4	4	4	4	5	3	4	4	4	4	4	4	4	4	5	7	4	5	5	4
27	5	4	4	5	4	4	4	3	4	5	5	3	5	5	6	5	5	4	4	4	3	4	3	4	4
28	4	5	4	4	4	3	3	5	4	4	3	3	3	4	3	4	4	4	4	3	4	4	3	3	4
29	3	4	4	3	4	5	4	5	4	5	4	3	4	5	4	5	4	4	-	-	4	4	4	5	4
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	4	5	4	3	4	5	4	4	3	3	4	3	5	3	4	4	4	4	4	3	4	4
2	4	6	4	5	4	4	4	3	4	-	-	-	-	-	10	7	6	4	4	4	4	5	5	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	4	7	5	4	5	4	5	6	******
4	3	3	3	3	3	3	3	4	5	6	6	5	4	4	4	5	4	4	4	5	5	-	-	-	4
5	- DATA UNAVAILABLE -																								
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	4	4	5	5	4	4	4	******
7	4	5	4	3	4	4	4	7	5	5	3	2	4	4	4	5	4	4	5	5	6	4	5	5	4
8	4	5	5	5	4	4	4	4	4	5	4	4	4	3	5	4	4	4	4	5	5	4	4	3	4
9	3	3	4	3	3	4	4	5	4	6	3	4	4	3	3	4	4	3	3	4	5	5	5	4	4
10	4	4	5	4	3	5	4	4	4	4	5	4	4	4	4	4	4	4	3	4	3	4	3	5	4
11	5	4	5	4	5	3	3	3	4	3	4	5	4	4	5	5	6	5	5	3	5	4	4	7	4
12	5	4	5	5	5	5	5	5	4	4	4	5	-	-	10	7	6	4	4	4	4	5	5	-	-
13	5	5	5	5	5	6	6	7	6	6	5	5	6	5	5	5	5	5	6	6	6	7	6	5	6
14	7	6	5	5	5	6	5	5	5	7	5	5	5	4	6	6	5	5	4	5	4	3	4	5	5
15	4	4	5	5	4	6	4	5	5	4	4	4	5	4	3	4	3	3	3	4	5	5	3	4	4
16	3	3	4	4	5	8	4	6	5	5	6	6	5	6	4	5	5	5	5	5	5	6	6	6	5
17	6	5	6	4	4	5	5	8	5	6	5	4	6	5	6	5	5	6	7	8	5	6	5	8	6
18	5	3	5	5	4	5	4	4	5	4	4	3	4	4	5	5	5	6	6	6	5	5	5	5	5
19	5	4	4	4	6	6	6	6	5	5	4	5	5	3	3	4	4	3	4	5	5	4	5	4	5
20	4	4	7	6	6	5	5	4	5	6	5	6	5	-	-	0	0	0	1	1	2	2	3	4	4
21	4	3	3	3	4	4	4	5	4	5	6	6	6	5	5	5	3	5	5	5	6	5	5	6	5
22	4	8	4	5	4	4	5	4	4	4	5	4	5	3	4	4	4	4	5	5	4	5	6	5	5
23	4	4	4	4	4	5	5	4	5	4	4	4	4	4	5	5	3	5	4	3	4	4	3	4	4
24	2	3	4	4	3	4	4	3	4	4	5	4	6	4	4	4	4	5	5	5	4	4	5	4	4
25	5	6	4	4	3	4	3	3	4	4	5	4	5	4	3	3	4	4	5	5	4	5	5	4	4
26	4	4	4	4	4	5	5	6	5	5	3	4	4	5	6	6	5	5	5	5	6	7	5	5	5
27	5	6	5	5	5	5	7	5	5	6	6	9	4	5	5	5	4	5	4	4	3	3	4	5	5
28	5	5	5	5	5	7	6	4	5	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	******
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	4	4	4	4	4	5	4	5	5	5	5	5	5	4	5	5	4	4	4	5	5	5	5	5	4.5

PERCENTAGE OF DATA VALID - 79.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 21.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	5	5	5	5	5	6	5	6	7	6	6	6	6	7	6	6	7	7	8	5	6	7	6
2	4	5	7	6	5	5	6	5	5	5	7	8	10	9	-	10	9	9	9	9	9	7	11	9	7
3	7	8	9	8	9	9	8	8	7	8	9	8	8	9	9	9	8	7	9	8	7	7	6	4	8
4	8	6	5	10	7	8	7	8	8	9	9	8	10	10	8	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	9	9	11	7	10	9	8	8	9	******
7	8	8	8	9	10	7	9	8	8	8	7	8	10	9	10	10	9	8	8	8	8	****	****	9	9
8	10	8	9	6	7	8	5	6	7	6	8	6	7	6	8	8	6	6	8	7	6	6	6	7	7
9	5	8	7	8	7	6	6	6	6	6	8	8	7	7	7	5	7	7	6	5	6	6	6	7	7
10	6	7	7	7	7	6	8	7	7	5	8	7	5	5	5	6	7	7	7	6	5	5	7	7	6
11	7	6	6	6	5	5	6	6	6	8	7	6	9	8	7	9	5	6	7	8	7	6	6	7	7
12	8	8	7	7	7	6	8	7	7	7	-	10	7	8	8	8	6	6	7	9	7	7	5	7	7
13	7	8	7	9	8	7	6	6	8	10	9	6	8	10	9	7	10	7	8	8	8	9	8	7	8
14	8	8	8	9	9	9	9	9	8	10	8	8	8	9	9	9	8	10	10	9	9	9	8	8	9
15	9	9	8	8	7	9	8	7	6	10	9	9	9	7	9	9	8	5	8	8	6	7	6	5	8
16	7	7	7	7	6	6	5	5	8	7	8	6	5	6	7	7	5	5	7	7	7	5	7	6	6
17	7	5	6	6	6	5	7	6	6	6	6	6	6	5	5	6	6	6	5	6	5	6	5	5	6
18	6	6	6	6	6	5	7	8	8	6	6	9	9	9	7	7	10	8	8	6	7	11	7	8	7
19	7	8	7	6	10	8	8	6	6	7	7	8	9	9	8	12	9	9	9	8	8	6	6	5	8
20	8	4	7	5	8	7	5	6	7	6	7	7	7	-	7	7	7	7	6	7	6	7	7	6	7
21	7	5	6	6	5	6	6	6	7	6	8	7	7	8	8	9	8	9	9	7	6	7	8	7	7
22	7	7	8	8	9	8	8	9	10	10	10	8	8	8	6	7	6	11	6	8	8	6	8	6	8
23	7	6	6	6	8	7	6	7	6	6	8	10	11	8	****	7	8	8	8	10	9	8	8	7	8
24	10	9	8	9	7	6	6	10	8	8	10	7	10	11	11	9	8	8	10	8	10	7	8	9	9
25	9	9	9	6	9	9	6	9	8	7	10	8	8	9	8	8	8	7	10	11	10	8	9	9	9
26	9	8	7	7	7	7	7	9	10	9	9	10	8	9	13	9	6	6	9	8	7	8	7	9	8
27	10	8	9	5	7	7	5	8	8	8	9	10	10	10	9	8	8	7	9	9	9	7	5	7	8
28	7	7	7	8	11	7	10	9	8	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	7	7	8	8	7	7	7	7	7.4

PERCENTAGE OF DATA VALID - 84.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 15.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	9	9	7	7	7	9	10	8	8	******
5	7	7	10	7	7	7	7	9	8	10	12	8	8	7	11	8	12	10	10	8	8	5	7	6	8
6	7	6	5	5	6	5	3	5	6	5	7	7	7	4	8	7	6	7	7	9	7	7	6	7	6
7	8	5	8	5	5	4	5	7	8	8	7	7	8	6	6	6	7	7	6	8	6	6	7	7	7
8	8	6	9	7	6	4	9	6	8	7	7	7	7	8	7	9	6	6	5	6	6	11	7	8	7
9	8	6	7	6	6	5	8	7	8	6	6	7	9	8	9	9	8	8	6	8	8	7	6	8	7
10	9	10	8	10	8	8	8	8	8	-	6	8	8	7	11	11	10	7	8	9	8	6	6	8	8
11	6	8	9	9	7	8	8	7	9	10	10	9	8	10	7	8	9	8	7	6	6	5	6	7	8
12	6	9	7	6	7	7	7	7	8	7	5	8	8	6	8	9	6	9	7	7	6	5	8	7	7
13	6	6	6	5	6	6	5	4	5	6	7	6	8	8	8	8	6	7	6	7	8	6	7	6	7
14	7	8	8	7	8	9	7	6	9	6	11	8	10	10	9	10	9	8	9	10	9	8	8	8	8
15	10	9	8	10	8	10	9	11	9	10	-	8	9	10	9	9	9	9	10	9	9	9	10	9	9
16	9	8	9	8	8	11	10	9	10	7	10	10	11	9	11	11	11	9	9	11	11	7	8	11	10
17	11	9	11	10	10	9	9	10	10	11	12	12	9	8	9	8	10	11	7	8	8	6	9	9	9
18	7	7	8	8	9	7	7	8	9	11	6	8	8	9	11	9	9	8	10	8	8	9	8	8	8
19	8	9	8	8	7	8	10	8	8	9	10	11	11	9	10	9	9	9	10	10	8	9	8	8	9
20	9	7	7	8	9	8	8	10	10	12	11	9	10	11	10	11	9	12	10	9	9	9	10	9	9
21	8	9	9	10	10	10	8	7	8	8	8	9	8	9	7	9	10	8	10	11	7	8	9	10	9
22	10	10	8	10	8	11	9	9	8	6	10	10	9	8	9	7	7	8	9	7	9	8	9	7	9
23	9	10	7	8	7	7	6	7	8	-	10	8	7	8	10	7	7	8	9	8	7	7	8	6	8
24	10	9	9	6	9	6	7	8	9	9	7	7	7	9	9	7	7	9	9	8	8	9	6	8	8
25	6	7	8	6	8	9	8	8	9	10	10	9	11	8	9	9	8	10	8	9	9	9	9	8	9
26	7	8	8	10	6	9	8	9	10	10	9	9	10	12	7	10	9	8	9	7	6	7	8	9	9
27	10	9	9	8	8	8	7	8	8	9	9	8	10	8	8	9	11	10	10	7	7	8	11	10	9
28	9	7	8	8	7	9	8	8	7	7	7	9	7	8	9	9	11	9	9	9	10	8	8	5	8
29	8	6	6	6	8	7	8	9	10	8	9	10	10	10	9	10	11	10	6	10	9	8	9	8	9
30	7	9	10	11	8	8	7	8	6	10	9	8	8	9	9	9	7	8	7	8	9	10	7	7	8
31	9	8	6	7	9	9	5	7	9	10	8	9	7	9	8	10	10	7	9	9	10	11	9	9	9
MEAN	8	8	8	8	8	8	7	8	8	8	9	8	9	8	9	9	9	8	8	8	8	8	8	8	8.2

PERCENTAGE OF DATA VALID - 88.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 12.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	9	9	9	8	9	10	9	10	11	-	8	9	8	8	8	9	10	9	9	9	9	9	9
2	8	8	8	6	8	8	8	7	9	11	10	9	9	6	9	8	8	6	7	7	6	9	8	18	8
3	12	10	9	11	10	10	8	8	8	10	11	9	8	8	11	11	9	8	9	8	8	8	9	9	9
4	8	6	9	8	8	9	9	7	11	10	10	8	9	9	9	9	6	11	10	8	8	9	8	8	9
5	7	8	9	9	10	10	9	10	10	10	9	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6	- DATA INVALID -																								
7	****	****	****	****	****	****	****	****	****	****	-	8	10	10	10	9	9	11	11	10	6	6	8	7	******
8	8	8	9	9	8	9	10	10	9	10	9	9	7	10	12	13	13	11	13	10	10	11	10	10	10
9	9	9	8	9	8	8	8	7	6	10	8	9	8	9	9	7	9	7	7	9	8	7	6	8	8
10	6	7	8	6	10	6	7	7	6	7	7	7	9	9	7	8	8	9	8	8	8	9	5	8	8
11	8	7	8	6	6	8	8	7	7	8	7	8	8	9	12	12	9	9	7	8	9	8	9	9	8
12	8	8	7	7	8	7	5	8	9	10	8	7	10	7	8	9	9	9	6	5	7	7	9	7	8
13	6	5	7	7	7	5	5	6	8	8	8	7	9	7	5	6	7	9	8	6	6	7	8	8	7
14	6	7	6	6	6	8	9	9	8	9	8	8	7	8	9	9	8	8	8	10	7	8	7	8	8
15	7	8	9	7	7	6	6	7	7	-	6	8	7	7	7	7	6	6	10	7	7	8	7	5	7
16	5	5	5	8	6	6	6	7	7	8	8	10	7	7	7	7	7	6	6	6	6	9	8	7	7
17	8	8	9	7	6	7	8	7	9	6	6	7	6	6	8	7	7	9	10	8	6	8	7	9	7
18	7	6	6	8	7	7	7	9	8	6	8	9	-	8	9	11	9	11	13	8	9	7	8	8	8
19	6	7	7	9	9	8	11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20	- DATA INVALID -																								
21	****	****	****	****	****	****	****	****	****	****	8	6	8	9	9	8	8	8	9	8	7	9	9	7	******
22	7	6	7	6	6	6	6	8	9	8	8	8	10	9	9	7	7	8	8	8	7	7	7	5	7
23	6	7	8	8	9	6	9	6	6	8	8	8	7	8	10	8	9	8	8	8	10	9	8	8	8
24	9	7	7	7	5	5	5	5	6	8	10	7	8	8	9	9	8	6	8	8	7	7	8	6	7
25	6	6	6	6	5	6	7	9	-	-	7	6	7	9	7	9	9	9	9	7	7	8	8	9	7
26	6	8	8	7	7	10	8	7	8	9	8	8	8	9	9	9	9	9	7	8	8	10	9	9	8
27	8	7	8	8	7	8	9	10	9	8	7	8	9	7	9	10	9	10	10	11	9	8	8	9	9
28	8	12	11	10	10	9	9	8	10	10	8	10	9	10	10	10	9	9	9	8	9	10	11	10	10
29	8	8	7	7	8	9	9	10	10	10	10	11	11	12	14	13	11	11	11	11	11	10	12	11	10
30	9	10	10	9	10	10	10	9	10	10	8	8	8	8	9	-	-	-	-	-	-	-	-	[illegible]	
31	- DATA UNAVAILABLE -																								
MEAN	7	8	8	8	8	8	8	8	8	9	8	8	8	8	9	9	8	9	9	8	8	8	8	8	8.2

PERCENTAGE OF DATA VALID - 81.6 PERCENTAGE OF DATA INVALID - 13.2 PERCENTAGE OF DATA UNAVAILABLE - 5.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	-	-	-	-	-	-	-	-	-	-	-	8	7	8	7	9	10	9	8	8	7	10	7	7	******
3	7	8	8	7	7	7	9	7	9	11	10	9	8	10	8	9	9	8	7	7	7	9	7	6	8
4	6	7	8	8	7	5	6	7	9	8	7	9	8	7	9	7	8	8	9	8	8	8	8	7	8
5	9	8	8	8	8	9	9	8	9	8	7	8	7	7	8	8	6	8	9	10	9	8	8	8	8
6	7	8	6	6	6	6	7	7	7	9	9	9	9	9	7	8	8	7	7	6	7	8	7	6	7
7	4	5	5	5	5	5	5	5	4	6	6	6	7	7	6	6	6	7	6	6	7	8	7	7	6
8	7	6	5	4	6	6	7	7	6	6	8	7	9	7	6	7	8	8	8	7	8	9	9	8	7
9	8	7	7	9	7	7	8	6	8	9	9	10	9	8	7	7	9	8	8	8	6	5	6	6	8
10	6	5	5	6	6	8	7	6	6	4	7	9	7	8	8	9	8	8	8	6	7	7	8	11	7
11	6	5	6	7	6	6	7	8	7	8	9	8	7	7	-	11	7	8	9	9	8	8	9	8	8
12	5	7	8	6	6	6	6	8	8	6	7	8	9	8	9	6	7	8	8	5	5	9	6	7	7
13	5	5	6	5	7	6	6	6	7	5	5	6	6	6	9	8	9	6	7	7	9	10	10	9	7
14	9	6	10	11	8	9	9	9	8	9	9	11	7	7	8	9	10	8	9	7	8	8	8	6	8
15	7	6	5	5	5	6	6	6	6	6	9	8	7	6	6	7	7	6	7	6	5	6	6	6	6
16	7	6	6	6	8	7	6	5	7	7	7	7	8	9	6	7	7	9	9	7	7	7	9	9	7
17	7	8	10	9	8	7	9	8	9	6	7	6	7	7	7	7	6	6	5	7	5	7	6	5	7
18	6	7	8	7	6	8	8	7	7	6	6	6	7	7	5	7	6	5	6	5	5	5	7	6	6
19	5	7	7	6	8	7	6	6	5	6	7	8	7	-	-	9	6	8	9	10	6	8	8	7	7
20	8	7	8	7	7	6	7	9	9	7	7	12	11	11	9	9	9	9	9	9	9	9	9	8	9
21	10	8	11	11	9	9	9	8	8	9	11	8	10	8	9	10	10	8	8	9	9	9	9	8	9
22	8	6	6	7	5	8	6	5	8	7	7	8	8	9	7	8	8	9	8	8	9	9	9	7	8
23	6	6	6	8	6	5	6	5	5	4	7	6	5	5	5	6	8	5	5	5	7	6	6	7	6
24	6	6	6	7	5	7	7	6	6	5	5	6	6	7	6	6	7	7	5	5	6	6	6	7	6
25	6	6	6	6	7	6	7	9	8	7	7	5	7	7	7	8	8	9	8	7	8	8	7	7	7
26	7	5	6	7	7	6	7	7	6	7	-	5	5	7	7	7	7	6	5	5	6	6	5	7	6
27	7	7	7	7	6	8	8	7	6	6	8	8	6	6	8	8	6	8	9	6	7	7	7	6	7
28	6	8	8	6	6	8	7	7	8	8	7	8	8	7	7	7	8	8	6	6	6	7	8	7	7
29	6	6	6	6	6	6	6	7	8	8	8	7	8	8	10	8	9	7	7	8	9	9	9	9	8
30	8	5	5	9	9	9	9	8	9	8	7	8	10	9	8	8	8	9	9	9	7	8	7	8	8
MEAN	7	6	7	7	7	7	7	7	7	7	8	8	8	8	7	8	8	8	8	7	7	8	6	7	7.3

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 5.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	9	9	8	8	6	8	8	10	-	8	10	11	11	10	10	11	8	9	8	9	8	9	9
2	8	8	9	7	6	5	8	5	6	6	6	7	7	6	8	6	9	8	8	7	6	7	8	9	7
3	7	7	8	8	8	8	8	8	8	8	9	8	8	8	8	8	8	8	8	7	8	8	7	6	8
4	7	8	8	7	6	6	7	8	6	6	8	8	6	7	8	8	8	8	7	7	7	7	6	6	7
5	6	6	7	7	7	7	6	7	6	7	8	7	9	9	9	9	8	8	8	7	8	7	8	9	8
6	7	8	8	8	8	8	9	9	9	9	9	9	8	8	7	7	7	8	7	6	7	7	6	6	8
7	7	8	9	9	7	8	8	8	7	6	-	9	9	10	11	9	10	10	10	9	10	9	8	8	9
8	6	9	9	10	9	10	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30	****	****	****	****	****	****	****	****	****	****	-	4	4	5	6	6	7	6	7	5	4	5	7	5	***.**
31	6	5	6	6	7	7	8	7	5	5	6	6	7	6	6	7	7	6	5	6	6	7	7	7	6
MEAN	7	8	8	8	7	7	8	8	7	7	8	7	8	8	8	8	8	8	8	7	7	7	7	7	7.5

PERCENTAGE OF DATA VALID - 28.4 PERCENTAGE OF DATA INVALID - 66.8 PERCENTAGE OF DATA UNAVAILABLE - 4.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	7	6	6	6	6	6	7	6	7	7	6	5	5	5	5	6	5	5	6	6	4	5	6
2	5	6	7	7	6	5	5	6	4	5	6	6	6	5	5	6	6	6	7	6	6	6	6	6	6
3	7	8	7	6	6	8	8	7	6	7	6	7	6	6	6	7	7	7	6	6	6	7	6	7	7
4	6	6	6	7	6	6	7	7	7	4	6	7	5	6	5	-	5	5	6	5	6	7	5	6	6
5	6	5	6	6	5	5	5	5	5	8	5	4	5	5	6	4	5	5	3	4	5	5	4	5	5
6	4	4	5	5	5	5	4	5	4	5	4	4	7	6	5	4	6	6	6	6	5	6	5	5	5
7	5	6	6	7	5	5	5	5	7	5	6	6	7	7	6	6	6	7	5	6	5	5	5	5	6
8	5	5	6	5	5	5	5	4	7	4	5	5	6	6	7	4	4	5	5	6	5	6	6	6	5
9	6	6	7	7	6	5	5	6	5	7	6	6	6	6	5	5	5	4	4	4	7	5	6	5	6
10	6	6	5	6	6	5	5	6	5	5	6	6	6	5	6	8	5	5	5	5	6	5	5	5	6
11	6	6	6	6	5	5	6	6	6	6	4	4	7	5	6	5	5	6	5	5	5	6	5	5	5
12	5	5	5	5	5	6	6	5	5	5	4	5	6	4	4	6	6	6	6	6	6	5	5	4	5
13	5	5	6	8	7	7	5	6	6	8	8	-	-	5	5	5	7	6	7	6	6	7	7	6	6
14	6	5	7	6	5	6	5	5	6	5	5	5	5	4	4	6	4	4	5	6	4	5	6	5	5
15	5	5	5	5	4	4	5	5	5	5	5	4	5	4	5	5	5	5	5	5	5	5	6	6	5
16	4	6	6	5	5	5	5	6	7	6	6	5	5	5	5	7	4	5	5	5	7	7	7	5	6
17	5	7	6	6	6	5	6	6	6	6	6	5	7	5	6	5	5	5	6	6	5	6	7	6	6
18	6	6	6	6	5	8	7	6	6	6	6	7	6	5	6	4	5	6	5	6	6	5	5	5	6
19	6	6	7	7	8	5	5	5	6	6	5	5	5	5	6	-	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	****	****	-	-	7	7	7	6	6	6	6	5	5	7	6	******
26	8	7	6	7	8	7	9	7	7	9	7	7	6	7	8	6	7	9	8	9	8	7	6	6	7
27	7	8	9	7	8	7	7	7	7	7	8	8	8	6	7	7	7	6	7	8	7	7	8	8	7
28	6	7	6	7	7	7	7	8	7	8	8	8	6	7	8	8	8	7	9	7	7	9	7	6	7
29	8	6	6	6	7	5	6	6	6	6	7	8	8	8	6	7	8	8	7	7	8	7	6	6	7
30	7	6	7	7	7	6	6	6	6	5	6	7	8	8	7	7	5	6	6	7	8	8	8	6	7
MEAN	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5.9

PERCENTAGE OF DATA VALID - 79.9 PERCENTAGE OF DATA INVALID - 19.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	5	8	6	7	7	6	7	7	5	8	5	7	6	8	-	****	****	****	****	****	****	****	7
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	6	5	5	5	5	5	6	6	6	******
10	6	6	8	6	7	6	8	7	7	6	6	7	8	7	6	5	6	6	6	7	7	7	7	6	7
11	6	7	6	5	5	5	6	6	6	6	6	5	6	7	7	7	6	7	7	7	8	7	7	6	6
12	8	8	7	6	7	8	7	7	6	5	8	6	7	-	8	9	8	8	9	8	8	9	9	9	8
13	6	7	8	7	9	8	7	7	6	7	8	8	6	7	6	6	5	5	6	6	7	6	6	7	7
14	7	7	6	7	8	8	5	7	8	9	9	8	8	8	8	8	7	7	8	8	7	8	8	8	8
15	6	6	6	7	8	7	7	7	7	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	******
16	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	6	6	6	7	6	6	8	8	6	******
17	6	7	6	6	8	8	9	8	7	8	8	6	5	7	8	9	9	7	9	9	8	6	8	6	7
18	-	-	-	-	-	-	-	-	-	-	-	-	7	7	8	7	7	8	8	8	7	7	8	8	******
19	9	8	7	8	7	7	7	6	7	8	8	9	9	8	8	8	-	6	6	6	6	7	7	7	7
20	6	6	7	7	6	6	7	7	7	7	7	8	8	8	7	7	6	6	6	4	4	7	6	5	6
21	6	6	6	6	6	6	5	6	7	5	5	6	6	7	7	7	6	6	5	5	6	6	6	6	6
22	8	9	9	7	6	9	6	6	6	8	9	9	8	5	7	8	9	8	8	7	6	7	8	6	7
23	8	7	8	7	7	8	8	8	7	8	-	-	7	9	9	9	7	6	8	7	8	7	7	7	8
24	9	8	8	7	7	8	9	7	8	8	8	6	6	5	6	6	6	6	7	7	7	6	6	6	7
25	6	6	7	6	6	6	7	7	6	6	6	6	7	8	7	6	6	6	7	7	8	7	8	7	7
26	7	7	7	7	8	7	8	8	7	7	8	8	8	9	9	7	7	7	8	9	8	8	8	9	8
27	8	9	8	8	7	9	8	6	6	7	6	8	7	6	6	7	8	6	6	6	7	8	9	9	7
28	9	9	9	9	8	7	8	9	10	9	7	8	7	7	7	7	7	7	8	9	9	9	7	8	8
29	7	6	7	7	7	8	9	8	7	7	6	5	8	8	9	-	6	8	7	7	6	7	8	7	7
30	8	8	8	9	7	6	7	8	7	7	8	8	8	8	8	8	8	7	8	9	9	8	8	9	8
31	9	9	8	7	6	7	8	9	7	8	8	8	7	8	7	7	8	8	8	8	7	7	7	7	8
MEAN	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7.1

PERCENTAGE OF DATA VALID - 68.5 PERCENTAGE OF DATA INVALID - 25.4 PERCENTAGE OF DATA UNAVAILABLE - 6.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	12	4.4	7	12
FEB	25	4.0	5	7
MAR	23	4.5	6	10
APR	27	6.4	8	10
MAY	28	7.3	9	12
JUN	24	7.4	9	13
JUL	27	8.2	10	12
AUG	23	8.2	10	18
SEP	28	7.3	9	12
OCT	8	7.5	9	11
NOV	23	5.9	7	9
DEC	20	7.1	8	10
YEAR	268	6.6	10	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	332	2	0	0	0	0	0	0	334
FEB	618	0	0	0	0	0	0	0	618
MAR	588	0	0	0	0	0	0	0	588
APR	653	0	0	0	0	0	0	0	653
MAY	666	7	0	0	0	0	0	0	673
JUN	594	11	0	0	0	0	0	0	605
JUL	614	41	0	0	0	0	0	0	655
AUG	567	40	0	0	0	0	0	0	607
SEP	670	11	0	0	0	0	0	0	681
OCT	207	4	0	0	0	0	0	0	211
NOV	575	0	0	0	0	0	0	0	575
DEC	510	0	0	0	0	0	0	0	510
YEAR	6594	116	0	0	0	0	0	0	6710

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
76.4	0	3.4	5.0	6.1	7.2	8.6	9.1	9.9	10.5	18	6.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	-	-	****	1	1	1	1	1	1	1	1	0	0	0	******
12	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*
13	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4	3	2	1	1	2
15	1	1	1	1	1	2	2	5	7	****	2	2	2	2	2	1	2	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	1	2	2	2	2	2	2
17	3	3	3	3	1	1	1	1	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	3	5	5	5	5	5	5	5	5	3
19	5	5	6	5	4	4	4	4	4	5	5	4	3	4	4	5	4	5	5	4	4	5	4	4	4
20	5	4	4	4	4	3	4	5	3	3	3	3	3	4	2	1	1	2	2	3	4	4	3	1	3
21	1	1	1	2	2	2	1	1	0	0	0	1	1	1	1	1	3	5	4	4	5	4	3	4	2
22	3	0	0	0	0	0	1	1	1	****	0	0	0	0	0	1	1	4	4	5	5	4	4	4	2
23	4	4	5	3	1	1	1	0	1	0	0	0	0	0	0	1	1	1	2	1	0	0	0	0	1
24	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	2	3	4	2	1	2	1	1	1	1
25	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	2	2	3	4	3	2	2	1	1	1
26	1	1	1	1	1	1	1	1	1	2	4	3	2	2	2	2	2	3	3	4	4	4	4	4	2
27	4	4	4	4	4	3	4	4	4	4	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3
28	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	0	0	****	1	1	2	1	1	1	1	2	3	4	1	1	1	1	1
30	1	1	1	1	1	1	1	0	0	1	1	1	2	2	0	1	1	2	2	3	4	4	3	3	2
31	2	1	1	1	1	1	1	1	1	0	0	1	2	2	2	2	2	5	4	3	1	1	1	1	2
MEAN	2	2	2	2	1	1	1	1	2	2	1	1	2	2	1	2	2	3	3	3	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 65.6 PERCENTAGE OF DATA INVALID - 7.0 PERCENTAGE OF DATA UNAVAILABLE - 27.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	3	4	3	1	1	1	0	1
2	1	1	1	1	1	1	0	1	1	1	1	1	4	3	1	1	1	2	3	3	1	1	0	1	1
3	1	1	1	1	1	1	1	1	1	1	1	4	3	2	2	2	2	2	2	3	3	4	3	3	2
4	4	4	3	3	3	2	1	0	0	0	1	1	1	1	1	1	1	2	2	2	3	4	4	3	2
5	3	2	2	1	2	0	0	1	1	1	0	0	0	0	0	0	1	2	2	4	5	5	5	5	2
6	4	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	2	2	1
7	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	4	3	2	3	3	1
8	4	3	2	2	0	1	1	0	1	1	0	0	0	0	0	1	1	2	3	3	3	2	2	3	1
9	3	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	3	3	3	2	2	3	1
10	3	3	3	4	3	2	1	1	1	1	2	2	2	2	1	1	1	2	1	2	2	2	3	3	2
11	3	2	2	2	2	1	0	1	1	1	****	1	0	1	1	1	1	2	3	2	3	4	4	2	2
12	2	1	1	2	1	1	1	0	0	1	****	1	1	1	1	2	2	3	3	2	3	4	4	2	2
13	3	3	5	5	4	4	3	2	2	2	2	2	1	1	1	1	2	3	3	2	3	3	2	3	3
14	3	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	2	3	3	4	4	4	4	3	2
15	3	2	2	2	3	2	1	1	1	1	1	1	1	1	2	1	1	2	3	4	3	4	3	3	2
16	3	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2	3	4	1	0	0	1	2
17	1	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	5	4	2	1	1	1	1	2
18	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	3	2
19	1	2	2	2	1	2	2	2	1	1	1	1	1	1	****	2	2	3	3	2	4	4	3	3	2
20	3	3	5	7	4	4	7	4	13	2	1	1	1	1	1	1	3	4	3	3	3	3	3	3	3
21	3	3	3	4	4	4	3	3	2	2	2	1	2	2	2	2	2	2	3	4	5	4	5	5	3
22	4	3	3	3	3	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	0	0	1	1	2
23	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	5	3	1	1
24	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1
25	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	2	******
MEAN	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	1.8

PERCENTAGE OF DATA VALID - 84.6 PERCENTAGE OF DATA INVALID - 15.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	1	1	2	2	2	4	3	2	2	2	2	2	2	2	3	3	2	2	2
2	2	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2
3	2	2	2	2	2	2	2	2	2	4	3	3	3	3	2	2	2	2	2	2	3	3	2	2	2
4	3	3	3	2	2	2	2	2	2	2	1	2	1	1	1	2	2	1	1	2	2	3	3	2	2
5	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2
6	4	6	5	5	2	1	1	2	2	****	3	2	1	3	3	2	2	1	1	3	4	4	4	5	3
7	2	2	3	5	3	2	2	3	5	2	1	1	2	2	2	1	1	2	2	2	3	3	3	3	2
8	3	2	2	2	2	2	2	2	3	3	2	2	3	3	3	2	2	2	3	2	2	3	3	2	2
9	3	4	4	3	2	2	2	1	2	2	4	4	2	2	1	1	1	1	2	2	3	4	3	2	2
10	2	2	2	2	3	2	2	2	2	2	2	1	2	1	1	1	3	2	1	2	2	2	3	3	2
11	2	3	2	2	2	2	1	1	2	2	****	1	2	2	2	2	2	2	3	3	1	1	1	3	2
12	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2
13	2	2	1	1	1	2	2	2	3	2	2	3	2	****	2	3	2	2	2	2	1	3	3	3	2
14	3	3	2	2	2	2	2	2	2	3	0	0	0	0	1	1	1	2	2	2	3	3	2	2	2
15	4	4	4	4	4	4	3	3	4	3	4	4	3	2	1	1	1	2	3	4	3	3	2	4	3
16	4	4	5	4	2	3	3	3	3	4	4	3	2	3	3	3	4	4	3	3	3	3	3	3	3
17	2	2	2	0	0	2	2	2	3	1	1	1	2	2	3	3	3	3	3	2	4	4	5	4	2
18	1	2	2	2	1	1	2	3	2	3	3	3	3	2	2	2	3	3	4	6	7	6	7	6	3
19	5	6	6	5	4	5	5	3	3	2	1	1	1	1	1	1	5	3	4	3	2	3	3	2	3
20	2	2	2	2	3	3	4	3	2	2	1	1	2	1	2	3	7	5	4	4	4	4	4	4	3
21	1	3	4	4	5	6	5	4	6	2	4	2	1	1	2	2	1	2	2	3	2	2	2	2	3
22	0	1	2	1	1	0	1	2	1	2	2	2	3	3	3	3	5	4	4	3	3	3	3	2	2
23	3	3	2	2	2	3	4	4	2	2	2	2	3	3	3	3	2	3	3	2	3	3	4	4	3
24	5	3	4	3	3	4	4	4	4	3	3	3	1	1	1	2	2	4	2	2	2	2	3	4	3
25	3	3	3	3	4	3	2	3	2	2	1	1	1	3	2	1	1	3	2	1	2	1	1	0	2
26	3	3	2	2	2	1	1	1	****	****	****	2	1	1	1	1	2	2	2	2	1	2	2	3	2
27	4	5	5	2	3	4	6	2	1	0	1	1	0	1	1	1	1	1	2	2	2	2	2	2	2
28	3	1	2	3	1	1	5	4	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	2
29	2	2	3	1	1	1	0	1	0	1	1	1	1	1	1	2	1	2	1	2	2	2	2	2	1
30	3	2	2	?	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
31	3	2	2	3	3	3	4	4	3	3	3	2	1	2	2	1	2	2	3	5	5	6	5	5	3
MEAN	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	3	3	3	3	6	5	3	2	2	2	2	4	4	1	2	3	3	3	3	3	3
2	2	3	3	3	4	4	4	4	5	4	3	3	3	2	1	2	2	3	3	3	3	2	3	4	3
3	10	7	9	7	6	4	4	0	0	****	1	1	1	1	1	2	2	2	2	2	3	3	4	4	3
4	3	3	3	3	5	4	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3
5	2	3	2	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	4	3
6	4	4	4	4	3	4	2	1	2	1	1	1	1	1	2	3	3	3	2	2	2	2	3	3	2
7	6	8	6	3	2	3	4	5	2	2	1	1	1	1	2	2	2	3	3	2	2	1	2	1	3
8	2	2	3	3	3	4	4	3	3	****	2	2	2	2	2	2	3	4	3	2	2	2	2	5	3
9	4	3	4	5	5	3	4	3	4	3	1	1	1	2	2	2	2	3	4	7	6	7	8	6	4
10	2	0	1	1	1	0	1	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2
12	4	6	5	5	2	3	1	0	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	2
13	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1	1	1	2	1
14	1	1	1	1	2	2	3	4	5	4	3	3	3	1	2	3	3	3	3	4	1	2	1	1	2
15	1	1	0	1	0	1	0	0	0	****	0	0	1	1	1	1	2	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	2	2	1	2	1	1	1	1	1	1	1	2	2	5	8	******
19	6	3	4	0	3	3	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1
20	0	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
21	1	2	2	1	****	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
22	1	3	3	4	4	1	0	1	0	1	0	****	****	****	****	****	0	0	0	0	1	1	2	5	1
23	5	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2
24	1	1	2	2	****	****	****	****	****	****	****	****	0	0	0	1	1	1	0	0	1	1	1	2	1
25	2	2	3	2	3	4	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	4	5	3	2
26	2	4	2	3	2	1	0	1	1	1	1	1	1	0	0	0	0	0	1	1	2	4	2	2	1
27	5	3	2	2	1	1	1	1	1	1	1	0	0	0	1	1	2	2	2	3	4	3	5	3	2
28	4	4	5	2	4	3	4	3	4	2	1	1	1	1	2	2	1	2	2	4	5	4	5	5	3
29	5	4	4	3	3	1	2	3	2	4	3	1	2	2	3	3	2	2	3	2	3	3	2	2	3
30	1	3	2	2	1	1	2	5	4	2	1	1	1	1	1	1	0	0	1	****	****	****	1	2	2
MEAN	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	3	2.0

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	2	6	4	3	1	1	1	2	2	1	1	1	1	1	1	****	****	****	****	****	2
2	****	****	****	****	****	1	1	3	****	1	1	1	1	1	1	1	1	1	1	3	4	1	2	6	2
3	10	4	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	****	****	2	3	2	2
4	2	1	1	2	1	4	2	0	****	****	****	****	****	****	0	****	****	****	****	****	****	****	****	3	******
5	4	3	3	1	1	2	4	2	1	0	0	0	0	0	1	0	0	0	****	****	1	2	3	2	1
6	2	2	1	0	0	0	0	0	0	0	****	****	****	****	1	1	1	0	1	1	1	1	2	1	1
7	1	3	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
9	0	0	0	1	1	0	0	0	0	0	0	0	1	1	2	1	3	1	0	0	0	0	0	0	0
10	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	0	1	1	1	1	3	2	1	1
11	3	1	4	3	3	3	2	3	3	2	1	1	1	2	1	1	1	1	1	1	1	4	4	4	2
12	4	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	7	8	5	0	1	1	2
13	2	1	1	1	1	1	1	1	****	0	0	0	0	1	1	1	0	0	0	1	2	3	2	1	1
14	2	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	8	1	1	1	1	1	1
15	1	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
16	2	3	2	0	1	2	2	0	0	0	0	0	0	0	0	0	1	1	1	3	5	15	17	13	3
17	4	2	2	3	3	4	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	2
18	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	0	0	0	1	2	2	1	2	2	1
19	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	2	2	4	3	3	1
20	2	2	2	2	1	2	1	2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
21	1	1	0	0	0	0	1	1	****	****	1	2	1	1	1	2	4	4	4	4	4	4	4	4	2
22	4	3	3	3	4	4	3	3	3	2	2	3	4	3	4	4	3	4	4	4	4	4	4	4	3
23	4	4	4	4	5	6	4	4	4	3	3	3	3	3	3	3	3	4	4	4	5	6	4	5	5
24	8	7	7	6	6	6	7	6	6	6	5	5	4	4	4	3	3	3	3	3	4	6	5	4	4
25	5	5	4	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	6	5	4	3	4
26	4	4	4	4	3	4	3	2	1	1	2	1	2	2	1	2	2	3	3	3	3	3	4	4	3
27	4	3	3	3	4	4	3	2	2	****	2	1	2	3	3	3	4	3	4	5	4	8	6	3	3
28	4	3	3	4	3	3	3	3	42	1	3	2	2	2	2	2	2	2	2	3	4	5	5	9	5
29	8	5	5	5	4	6	4	4	2	2	2	2	3	4	3	3	4	4	4	4	3	4	4	3	4
30	3	3	3	3	2	3	3	4	5	7	4	2	3	4	6	5	4	3	4	4	4	5	5	6	4
31	4	4	4	5	5	4	5	6	7	11	10	15	8	12	9	7	6	9	7	10	6	6	6	4	7
MEAN	3	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	2.3

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 5.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	4	4	4	4	3	3	3	2	2	2	1	2	3	2	3	4	2	2	3	2	1	3
2	2	2	2	2	2	2	3	4	3	3	4	4	4	4	3	4	5	4	3	3	4	4	4	4	3
3	4	4	4	4	3	3	3	3	4	4	5	4	3	3	2	2	4	3	3	3	3	4	4	4	3
4	3	2	2	3	2	3	1	1	****	****	1	1	1	0	1	1	1	1	1	2	2	2	3	3	2
5	2	2	2	3	4	3	3	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2
6	3	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	3	2	3	2	3	2
7	3	3	2	2	2	2	3	3	3	4	3	3	3	4	3	4	4	3	4	3	3	3	3	3	3
8	3	3	3	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2	2	2	2	2	1	2
9	2	2	2	2	2	2	1	2	1	1	1	1	1	1	0	1	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	1	1	****	****	2	2	2	2	3	3	2	2	2	2	2	3	2	3	2
11	2	2	2	2	2	2	2	1	3	2	4	5	3	3	3	3	2	1	2	3	4	3	2	2	2
12	6	7	6	5	3	5	4	3	2	2	3	2	3	5	4	5	3	4	4	7	8	8	8	8	5
13	9	10	10	9	9	9	8	8	3	2	2	2	2	0	0	1	1	1	2	4	4	3	3	4	4
14	4	5	4	4	3	4	4	5	11	7	6	5	5	6	4	4	4	4	5	5	4	4	5	****	5
15	- DATA INVALID -																								
16	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	2	0	******
17	1	1	3	2	3	1	0	0	0	0	****	****	0	2	0	0	0	0	0	1	0	0	1	0	1
18	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	1	****	****	****	****	****	****	0
19	****	****	****	****	****	****	****	****	****	****	****	1	2	1	0	1	1	1	1	2	1	1	1	1	******
20	1	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	3	7	6	0	1	0	1
21	0	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	2	1
22	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	1
23	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
24	0	2	2	1	1	1	1	1	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
25	0	1	2	2	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1
26	2	0	1	1	1	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	3	3	2	1
27	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1
28	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0
29	1	1	1	0	0	0	0	0	1	1	1	3	2	2	2	1	2	2	1	1	1	3	1	1	1
30	1	0	0	1	1	1	1	1	1	2	1	1	****	0	1	1	1	1	1	1	1	2	1	2	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	2	1.9

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	1	1	2	2	1	1
2	1	0	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	1	1	0	2	4	2	3	1
3	3	3	5	3	4	5	2	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
4	2	1	0	0	0	1	0	0	0	0	1	1	2	1	1	1	1	1	1	2	3	3	3	5	1
5	3	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
6	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	3	1
7	2	0	0	1	1	2	2	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1
8	0	0	1	1	1	1	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	4	1
9	3	5	3	3	2	2	0	1	1	1	1	2	1	1	1	1	1	1	1	5	9	8	4	2	2
10	3	2	2	1	2	2	1	1	****	2	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1
11	0	1	1	1	1	1	1	6	4	2	2	2	2	1	1	2	2	1	1	1	1	1	0	0	1
12	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	18	3	1
13	3	2	2	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1
14	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1
15	2	1	1	1	1	0	0	1	1	1	1	3	2	2	2	2	2	2	2	2	1	2	2	2	2
16	1	2	1	2	2	2	1	2	2	****	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2
17	1	1	1	1	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	1	1	1	1	3	2	2	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	6	1	1
23	1	1	0	1	1	1	1	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	3	1	1
24	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	1	1	1	2	2	1	1	1
27	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	5	2	1	1	1	0	0	****	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	2	2	2	3	3	3	4	4	7	5	5	4	1	1	2	2	2	2	2	3
31	1	1	2	1	2	2	2	7	15	15	15	11	9	8	2	3	2	2	2	2	3	3	3	3	5
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1.3

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	2	2	3	5	6	2	2	2	2	2	2	2	2	2	2	3	2
2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	3	2	2	2	2	2	2	3	1	1	1	2	2	2	2	2	2	2	2	2	2
4	2	3	3	3	2	3	3	2	2	2	2	2	1	1	2	3	1	1	2	2	2	2	2	2	2
5	1	1	1	1	2	2	2	2	3	8	15	14	10	9	8	7	3	3	3	3	3	3	2	2	5
6	1	1	2	2	2	2	2	4	4	4	4	****	6	7	5	4	4	3	2	2	2	2	2	2	3
7	1	1	1	4	4	4	10	11	12	13	14	15	10	10	11	10	11	10	8	8	8	11	8	3	8
8	1	1	1	1	1	1	4	7	6	8	13	15	18	11	11	13	9	5	2	3	2	2	2	2	6
9	1	1	1	3	3	2	2	2	2	2	4	5	3	10	10	10	10	4	2	2	2	2	2	2	4
10	1	1	1	1	2	2	2	2	2	2	7	8	13	14	7	1	5	3	5	8	4	2	3	4	4
11	3	2	1	1	1	1	2	8	8	7	6	6	4	3	1	0	0	2	2	2	3	3	2	3	3
12	4	4	5	4	4	2	4	7	6	5	5	4	3	5	9	6	4	3	3	2	2	2	1	1	4
13	2	2	1	2	3	5	3	3	4	****	3	4	4	5	7	11	10	7	4	2	3	1	2	1	4
14	0	0	0	0	0	0	1	5	4	3	4	8	5	5	8	11	11	5	3	1	0	0	0	1	3
15	1	2	0	0	1	0	3	4	2	2	3	4	6	9	8	6	2	1	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	1	2	1	1	1	0	0	0	1
17	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	3	6	9	12	21	14	9	11	9	10	4	3	1	0	1	0	0	5
19	1	3	2	2	2	****	****	****	****	****	****	****	****	****	****	****	4	2	2	1	1	2	2	2	******
20	2	1	1	1	1	2	1	4	5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
21	0	1	1	1	1	1	1	2	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1
22	1	1	1	1	1	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29	-	-	-	-	-	-	-	-	****	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	******
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	2	1	2	3	3	3	4	5	5	5	5	4	4	3	2	2	2	2	2	1	2.6

PERCENTAGE OF DATA VALID - 76.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 22.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	0	0	0	0	0	1	1	0	0	****	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1
8	1	1	1	1	0	0	2	3	3	1	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1
9	1	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1
10	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	3	2	2	1	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1	0	0	0	0	1
12	0	0	0	0	0	0	0	1	0	0	2	0	1	1	1	0	1	1	1	2	1	1	1	1	1
13	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1
14	1	1	0	0	0	0	1	1	0	0	1	2	1	1	1	2	2	2	1	0	0	0	1	1	1
15	1	1	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	3	2	2	1	2	2	1	2
16	1	1	0	0	0	1	1	2	****	****	3	3	3	2	3	4	4	4	3	2	2	3	3	2	2
17	3	2	3	2	3	3	4	4	4	3	3	4	2	2	2	2	3	2	1	1	1	1	1	0	2
18	0	0	0	1	1	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	3	4	4	3	2
19	2	1	1	1	1	1	3	4	4	3	3	2	2	2	2	2	3	3	3	4	7	4	4	1	3
20	1	1	0	1	1	1	2	2	4	5	7	5	3	2	1	1	1	1	1	1	3	3	4	4	2
21	6	6	5	5	5	3	1	2	1	1	2	4	3	4	4	4	3	4	4	4	4	3	4	4	4
22	2	1	1	1	1	1	2	2	4	3	3	3	3	3	3	4	4	3	3	2	3	6	6	2	3
23	1	1	1	1	1	1	2	2	2	0	1	1	1	1	3	4	3	4	3	1	1	1	1	1	2
24	1	1	1	2	1	1	2	3	3	2	3	2	2	2	2	3	3	4	5	2	2	2	2	2	2
25	3	5	3	4	3	3	4	5	6	5	4	4	3	2	4	3	3	3	6	7	5	0	1	1	4
26	2	2	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	2
27	1	1	0	1	1	1	1	3	3	2	2	2	3	3	3	4	3	4	3	2	2	2	2	2	2
28	2	2	3	3	2	2	2	2	2	2	1	1	2	2	2	3	3	4	6	6	5	4	6	6	3
29	4	3	2	4	3	4	6	3	2	2	2	2	3	2	2	2	2	2	7	9	7	6	4	2	4
30	3	2	2	1	2	2	2	2	2	****	2	2	2	2	2	2	2	4	7	4	4	5	5	4	3
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	1.8	4	7
FEB	24	1.8	3	13
MAR	31	2.3	3	7
APR	28	2.0	4	10
MAY	30	2.3	7	42
JUN	27	1.9	5	11
JUL	31	1.3	5	18
AUG	22	2.6	8	21
SEP	30	1.6	4	9
OCT		DATA UNAVAILABLE		
YEAR	243	2.0	8	42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	488	0	0	0	0	0	0	0	488
FEB	588	1	0	0	0	0	0	0	589
MAR	738	0	0	0	0	0	0	0	738
APR	670	0	0	0	0	0	0	0	670
MAY	699	7	0	1	0	0	0	0	707
JUN	657	1	0	0	0	0	0	0	658
JUL	735	5	0	0	0	0	0	0	740
AUG	541	24	1	0	0	0	0	0	566
SEP	714	0	0	0	0	0	0	0	714
OCT		DATA UNAVAILABLE							
YEAR	5830	38	1	1	0	0	0	0	5870

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.3	0	0.0	0.4	1.0	1.9	3.6	4.6	6.8	9.0	42	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	****	3	3	3	4	4	4	4	4	5	4	4	4	3	******
3	3	4	4	4	3	4	5	5	4	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
6	4	3	3	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2	2	2	2
8	2	2	2	3	3	2	3	3	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2
9	2	2	3	3	3	2	3	4	3	3	3	3	3	2	2	3	3	2	2	2	2	2	2	3	3
10	2	2	2	3	2	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2	1	2	2	2
11	2	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1	2	1	1	1	2
12	2	3	5	3	3	3	2	2	2	3	3	3	2	2	2	2	2	1	1	1	3	1	3	1	2
13	0	0	1	1	2	2	2	2	2	1	2	2	1	1	1	1	1	1	2	0	0	2	2	2	1
14	1	2	1	1	1	1	1	1	0	0	1	1	0	1	1	0	1	2	1	0	1	2	2	1	1
15	1	1	1	2	2	2	2	1	1	2	2	2	1	****	3	4	4	4	4	3	3	3	3	3	2
16	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	4	4	4	4	3	3	3	****	3	3	3	4	3	3	3	3	3	3	3
18	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	4	5	4	4	4
19	4	5	5	5	4	8	3	5	5	4	4	4	4	4	4	3	3	4	4	4	4	4	3	3	4
20	3	3	3	3	3	3	3	4	2	4	4	3	3	3	3	3	3	3	3	4	3	3	3	3	3
21	3	4	3	3	3	2	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	8	3
22	9	5	6	4	7	7	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
23	2	2	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	2
24	2	3	4	4	3	3	3	3	3	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
26	3	3	3	8	5	4	4	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	4	4	3
27	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	****	****	2	2	1	1	1	1	1	1	2	2	1	1	1	2	2
MEAN	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2.5

PERCENTAGE OF DATA VALID - 94.3 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	3	3	2	2	2	1	2	2	1	2	2	3	2	2	4	3	3	3	2
2	3	2	2	3	3	3	4	4	2	2	2	3	3	2	2	2	2	3	2	2	2	2	3	2	3
3	1	2	2	2	1	2	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2
4	1	2	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
5	2	1	2	2	2	2	3	3	****	4	3	3	2	3	3	4	3	3	2	3	3	4	3	3	3
6	3	2	2	3	2	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	2	3
7	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3
8	3	3	2	3	3	3	3	3	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	3
9	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	2	3	2	2	3	2	2
10	3	3	3	2	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	2	2	4	3
11	5	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
12	3	2	2	3	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2
13	3	2	2	3	5	5	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	2
14	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	3	2	2	2	2	2	2	3	3	2	1	1	2	2	1	2	2	2	2	2	4	5	6	5	3
17	5	3	2	2	3	5	5	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2
18	2	2	2	2	2	1	1	1	1	2	2	3	2	2	2	2	2	3	2	2	2	2	2	2	2
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26	****	****	****	****	****	****	****	****	****	2	2	2	1	1	1	1	1	1	1	2	3	1	1	1	******
27	1	2	2	3	2	2	3	3	3	2	2	2	2	2	****	3	3	3	3	3	3	3	3	4	3
28	2	2	2	2	2	4	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
29	2	1	1	1	1	5	1	1	1	1	****	1	1	1	1	2	2	1	1	1	1	1	1	1	1
30	1	1	1	1	2	2	2	2	1	1	1	1	2	1	3	3	3	3	3	3	2	2	2	2	2
31	2	2	3	2	2	2	3	2	2	2	2	2	3	3	3	2	1	2	2	2	1	1	1	1	2
MEAN	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 75.7 PERCENTAGE OF DATA INVALID - 24.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	2	2	2	2	2	2	2	3	1	2	1	1	1	1	1	1	1	1	2	2	2
2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2
3	2	2	2	2	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	1	2	1	1	2	2
4	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	2	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	******
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	3	2	******
11	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2	2	3	4	4	2
12	4	3	3	3	3	3	4	4	4	3	3	3	2	3	3	3	3	3	3	2	2	3	4	5	3
13	4	4	3	3	3	4	4	4	****	3	3	2	3	3	3	3	3	3	4	3	3	4	5	5	3
14	5	4	4	3	3	3	3	4	3	3	4	3	3	3	4	4	3	3	3	3	3	4	4	4	3
15	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3
16	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	3	3	3	4	4	3	3	2	2	2	2	3	3	2	2	2	3	3	3	3	3
18	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3
19	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2
20	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2
21	3	3	3	2	2	2	2	2	2	2	2	3	2	3	3	2	3	3	3	3	4	3	3	3	3
22	3	4	4	4	8	6	4	4	3	3	2	2	2	2	2	2	2	2	3	4	5	4	4	3	3
23	4	3	3	4	4	4	3	3	3	2	2	2	2	2	2	3	2	3	3	3	3	4	4	5	3
24	6	3	5	3	4	4	5	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	2	2	2	2	2	2	******
26	3	3	2	2	2	3	3	3	3	2	2	2	1	1	1	1	1	1	1	0	0	0	1	2	2
27	3	3	2	2	2	2	2	2	1	1	1	1	****	2	2	2	2	1	1	1	1	2	2	2	2
28	2	2	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
29	1	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1	2	2	3	3	3	2	2	2
30	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	2	2	2	2	1	1	2	1	1	2
MEAN	3	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2.3

PERCENTAGE OF DATA VALID - 78.6 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 16.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	******
3	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	2	2	1	1	2	2	2	3	2	2
4	3	3	2	2	2	2	2	2	2	2	2	1	0	1	1	1	1	2	2	2	2	2	2	2	2
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	2	1.8

PERCENTAGE OF DATA VALID - 7.1 PERCENTAGE OF DATA INVALID - 26.7 PERCENTAGE OF DATA UNAVAILABLE - 66.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	****	2	3	3	3	3	4	4	4	4	4	4	4	5	6	******
8	7	5	5	5	4	5	6	6	5	4	4	4	3	4	5	5	5	4	3	3	4	4	4	3	4
9	4	4	4	4	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	4	4	5	5	5	4	5	4	3	3	3	3	3	3	2	2	3	3	3	3	2	3	3	3	3
12	4	4	4	4	4	4	4	5	4	4	4	4	3	4	3	3	3	3	3	4	4	4	3	?	*
13	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	3	4	4	5	4	4	4	3
14	5	7	3	4	3	4	5	5	5	4	3	4	4	4	4	3	2	4	4	4	4	3	4	3	4
15	2	3	3	3	2	3	3	3	3	2	****	2	1	2	2	2	2	2	2	2	2	3	3	2	2
16	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	3	3	3	3	2	3	3
17	2	3	3	4	4	5	3	4	4	4	2	1	0	1	2	****	****	****	****	****	****	****	0	1	3
18	1	1	1	2	1	2	2	2	3	3	2	2	1	2	3	2	2	1	1	2	4	2	4	4	2
19	2	1	1	0	1	1	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	****	****	****	****	****	4	3	3	3	3	3	2	3	3	6	5	******
23	4	4	4	3	3	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3
24	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	4	6	5	3	3
25	4	4	4	4	4	4	10	4	4	4	4	3	2	3	3	3	2	2	2	3	4	4	3	3	4
26	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	3	2	3
27	2	3	2	2	2	3	4	4	3	3	3	2	****	****	****	****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	2	******
30	1	2	2	2	3	3	3	3	3	3	2	2	1	2	2	2	2	2	2	3	3	2	1	1	2
31	2	1	2	2	2	3	3	3	2	3	2	1	2	1	2	2	2	2	2	2	2	1	2	2	2
MEAN	3	3	3	3	3	3	4	4	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 61.2 PERCENTAGE OF DATA INVALID - 18.4 PERCENTAGE OF DATA UNAVAILABLE - 20.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	3	3	2	1	2	2	1	1	2	1	1	1	1	1	2	2	2	1	2
2	2	2	2	1	2	2	2	3	2	2	****	****	****	****	****	2	2	1	2	2	2	2	2	2	2
3	2	2	2	2	1	2	2	2	****	2	1	1	1	1	1	1	2	2	2	2	2	2	4	4	2
4	5	3	4	3	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3
5	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	2	2	2	1	2	2	2
7	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2
8	1	2	1	1	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	3	3	3	3	3	2
9	6	3	4	4	3	5	8	5	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	3
10	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
12	4	3	2	2	2	2	1	1	****	1	1	2	2	2	2	2	4	4	4	4	3	4	4	4	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	4	3	2
14	2	2	4	2	3	3	7	5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	2
16	2	2	2	2	2	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	2	2
17	2	2	2	3	3	3	2	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2
18	1	2	2	3	3	2	2	2	****	2	2	2	1	3	2	1	2	2	1	1	2	2	3	4	2
19	1	2	2	3	3	3	3	2	****	1	2	1	1	2	1	1	1	0	1	1	2	1	1	1	2
20	2	2	1	2	2	3	3	2	2	2	2	2	2	2	1	0	0	1	0	1	1	1	2	1	2
21	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	1
22	2	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	0	1	1	1	1	2
23	1	2	1	2	2	2	3	2	2	2	2	3	3	3	3	3	2	2	2	2	1	1	1	1	2
24	2	2	2	2	2	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2	2
25	2	2	2	3	3	2	4	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	3
26	2	3	3	3	2	2	2	2	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
28	2	2	1	1	2	2	1	1	1	2	1	1	2	2	1	2	2	1	2	1	2	1	1	2	2
29	2	2	2	1	2	2	3	3	2	2	2	2	1	2	2	2	1	2	2	2	2	2	3	2	2
30	3	2	3	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	4	4	2
MEAN	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	3	3	3	3	2	2	2	2	2	2	2	****	2	2	2	3	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
6	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
7	2	2	2	2	2	2	3	2	2	2	2	2	****	****	2	2	1	1	1	1	1	1	3	3	2
8	2	2	1	2	2	2	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	1	1	0	1	0	******
10	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1
11	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	1	1	1	1	0	0	****	0	0	0	1	0	0	0	2	2	1	1
15	1	1	1	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
17	1	0	1	1	1	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1
19	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
20	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1
21	1	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
22	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1
23	2	1	1	1	1	1	1	2	1	0	0	0	1	0	0	1	0	1	1	1	1	1	1	0	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
28	1	2	1	3	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	2	1	2	2	****	****	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
2	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	3	1	1	1	1
3	3	3	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	0	0	0	1	1	1	1
4	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	1
5	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	****	****	****	****	****	****	****	1
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	******
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
20	3	3	2	2	3	3	3	4	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	3
21	3	3	2	2	3	2	3	3	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	2
22	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2
23	2	2	2	1	2	2	3	2	2	2	2	1	2	2	1	2	2	2	2	1	2	2	2	2	2
24	2	2	2	2	2	2	1	2	3	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
26	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2
27	2	3	2	2	2	1	1	1	1	****	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2
29	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
30	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1.7

PERCENTAGE OF DATA VALID - 57.6 PERCENTAGE OF DATA INVALID - 42.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	2	2	2	2	2	2	2	2	3	****	****	****	1	2	2	4	3	4	4	3	2	2
2	2	2	2	2	2	2	2	2	2	2	2	****	****	2	2	2	2	2	2	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
4	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1
5	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	1	1	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	4	4	3	3	4	3	2	2	3
8	2	2	2	2	3	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
9	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2
10	2	2	2	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
12	2	1	1	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	1	2
13	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	:	:	:	:	:	:	:	:	:
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	3	3	2	1	2	2	1	1	1	2	3	3	3	3	3	2	2
16	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2
18	2	1	1	1	1	1	1	1	1	****	****	2	2	2	2	2	2	3	2	2	2	3	2	2	2
19	1	1	1	1	1	0	1	1	1	1	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1
20	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1
21	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	2	1	1	1
22	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2
23	3	3	4	3	4	4	3	4	3	2	2	****	3	2	2	3	3	2	2	2	2	2	2	2	3
24	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	1	0	0	0	1	1
26	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1
27	3	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	3	4	4	4	4	5	5	5	3
28	4	4	5	8	7	5	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4
29	3	4	3	3	4	3	4	4	4	****	4	3	3	3	3	3	3	4	4	3	2	2	2	2	3
30	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	0	0	0	1	1	1
31	0	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	28	2.5	4	9
MAY	23	2.2	3	6
JUN	22	2.3	3	8
JUL	2	1.6	2	3
AUG	17	3.0	4	10
SEP	30	2.0	3	8
OCT	29	1.0	2	4
NOV	17	1.7	3	4
DEC	30	1.8	4	8
YEAR	198	2.0	4	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	679	0	0	0	0	0	0	0	679
MAY	563	0	0	0	0	0	0	0	563
JUN	566	0	0	0	0	0	0	0	566
JUL	53	0	0	0	0	0	0	0	53
AUG	455	0	0	0	0	0	0	0	455
SEP	710	0	0	0	0	0	0	0	710
OCT	708	0	0	0	0	0	0	0	708
NOV	415	0	0	0	0	0	0	0	415
DEC	718	0	0	0	0	0	0	0	718
YEAR	4867	0	0	0	0	0	0	0	4867

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
73.7	0	0.2	1.0	1.4	1.9	2.9	3.4	4.0	4.6	10	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	16	17	16	16
2	17	17	16	17	17	18	19	18	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	17
3	16	16	17	16	16	16	17	17	17	17	17	17	16	17	17	16	17	17	17	17	17	17	17	17	17
4	18	18	18	18	17	17	17	18	18	19	18	17	17	17	17	17	17	17	17	16	17	17	17	17	17
5	17	17	17	18	18	18	18	18	18	17	18	18	17	17	17	17	17	16	16	16	16	16	16	17	17
6	17	17	17	17	17	19	21	22	24	21	19	16	17	17	17	17	17	17	17	17	18	18	20	19	18
7	20	17	17	17	17	17	17	17	16	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16
8	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	17	17	18	17	17	17
9	17	17	17	17	17	17	18	18	19	18	18	18	17	17	17	17	18	18	18	18	17	17	18	18	18
10	19	20	21	20	19	19	19	33	26	20	19	19	18	19	19	19	19	20	19	18	19	20	20	21	20
11	21	21	21	23	22	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17
12	17	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
13	18	20	20	20	22	18	19	19	19	18	18	17	17	17	18	19	19	19	19	22	21	17	17	17	18
14	17	17	18	18	18	18	19	19	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	16	16	16	16	16	16	16	16	16	******
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	16	16	16	17	17	17	16
17	17	18	18	19	18	19	19	19	20	21	21	20	16	16	17	17	17	18	17	17	17	16	16	16	18
18	16	16	17	17	16	17	17	17	17	17	17	17	17	17	17	16	16	15	16	16	16	16	16	15	16
19	16	16	16	15	15	15	16	16	15	15	15	16	16	16	15	16	16	16	16	16	16	15	15	15	16
20	16	16	16	16	16	16	15	15	16	16	16	15	15	15	15	15	15	15	15	16	15	15	15	15	15
21	16	15	15	15	16	15	15	15	15	****	****	****	15	16	16	17	18	18	18	19	19	19	19	19	17
22	18	18	18	18	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	18
23	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	17	17
24	17	17	17	17	17	17	18	18	18	13	13	13	12	12	12	12	12	12	12	13	13	13	14	14	14
25	13	13	13	14	13	13	13	13	14	14	14	14	13	13	13	13	14	14	14	13	13	14	14	14	13
26	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
27	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	13	13	13
28	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13	14	14	14	14	13
29	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	14	14
30	14	13	13	13	13	14	14	14	13	14	13	13	13	13	13	13	13	13	14	13	13	13	13	13	13
31	14	13	14	13	13	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
MEAN	16	16	16	16	16	16	16	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16.1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	14	14	14	14	14	15	13	13	13	12	13	13	13	13	13	13	13	13	14	14	14	14	13
2	14	14	14	14	15	15	14	15	14	14	14	13	13	13	13	13	13	13	14	14	14	14	14	14	14
3	14	14	14	14	14	14	14	14	14	14	14	13	14	14	14	13	13	13	14	14	14	14	14	14	14
4	14	14	14	14	14	14	14	15	15	14	14	14	13	13	13	13	14	14	14	14	14	14	14	14	14
5	14	14	14	14	14	14	15	15	15	15	14	14	13	13	13	13	13	13	13	14	14	14	14	13	14
6	13	13	14	14	14	14	14	15	14	15	14	14	13	13	14	14	14	14	13	14	14	14	14	14	14
7	15	14	14	13	13	13	14	13	13	****	12	13	12	12	12	12	12	13	13	14	14	14	14	13	13
8	13	13	13	13	13	13	14	14	14	14	14	13	13	12	12	13	13	13	13	13	13	13	13	14	13
9	14	14	14	14	14	14	14	14	13	14	13	12	12	12	12	12	13	12	12	12	12	13	12	12	13
10	14	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	13
11	13	13	13	13	13	13	14	14	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13
12	12	12	12	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	13	12	12	13	13	13
13	13	13	13	13	13	13	14	14	14	14	14	13	12	12	12	12	12	13	13	13	13	13	13	13	13
14	12	13	13	13	13	13	13	14	14	14	13	13	12	12	12	12	12	12	12	13	13	13	13	13	13
15	14	14	14	16	19	14	13	14	14	14	16	15	14	13	12	12	13	13	13	13	13	13	13	13	14
16	12	12	12	14	13	13	13	13	12	12	12	12	12	12	12	11	11	12	12	12	13	13	13	13	12
17	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12
18	13	13	13	13	13	13	13	14	13	13	13	13	14	13	13	13	13	13	12	12	12	13	13	13	13
19	13	13	13	13	13	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	14	14	20	16	14
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21	14	14	14	14	14	14	14	15	14	13	13	13	13	13	13	14	14	15	13	13	13	13	13	12	14
22	12	12	12	12	12	12	13	13	13	14	13	****	****	****	****	14	14	14	14	14	13	13	13	13	13
23	13	13	13	13	13	13	13	13	13	13	13	13	14	14	13	14	14	14	14	14	13	19	14	14	14
24	13	13	13	13	13	14	14	13	14	12	12	13	13	13	13	12	13	13	13	13	13	13	13	13	13
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26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29	****	****	****	****	****	****	****	****	****	****	12	13	14	14	15	15	16	15	15	15	15	15	15	15	******
MEAN	14	13	13	14	14	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13.3

PERCENTAGE OF DATA VALID - 87.5 PERCENTAGE OF DATA INVALID - 12.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
2	15	16	17	16	17	16	16	16	16	15	15	15	14	14	14	14	14	14	14	14	14	15	14	15	15
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5	15	15	15	15	16	16	18	17	16	17	17	17	17	18	17	15	14	14	14	13	13	14	14	14	15
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7	15	15	16	16	17	17	18	19	15	14	15	14	14	14	14	14	14	14	14	15	16	15	15	15	15
8	15	15	15	15	15	15	15	15	15	15	15	15	15	16	15	14	14	14	14	15	14	14	14	15	15
9	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	14	14	14	14	15	15	15	15	15	14
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12	13	13	13	14	14	14	14	13	13	13	13	13	13	13	14	14	14	14	14	14	13	13	**	**	**
13	15	14	14	14	14	13	13	14	13	13	13	13	13	14	14	14	15	14	14	14	14	14	13	14	14
14	14	15	13	13	13	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13
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19	13	13	14	13	14	13	14	14	13	14	14	14	14	14	14	13	13	13	21	22	22	18	16	14	15
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26	13	13	13	15	13	12	13	12	12	12	13	13	13	13	13	13	13	13	13	13	15	13	13	13	13
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28	15	13	14	15	14	14	14	15	15	14	14	13	14	14	14	14	14	14	14	14	14	15	14	15	14
29	15	15	14	15	15	14	15	13	13	14	14	13	13	14	14	15	15	14	14	17	16	16	14	14	14
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31	14	14	13	13	13	13	13	13	14	13	13	13	13	13	12	12	13	13	13	13	13	14	14	14	13
MEAN	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14.0

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	15	16	17	15	17	15	17	14	14	14	14	14	15	15	14	14	14	15
2	14	14	14	14	15	15	15	15	15	15	14	14	14	13	13	13	13	13	13	13	14	14	14	13	14
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4	13	13	13	13	13	13	14	14	13	13	13	14	13	13	13	12	12	12	12	12	12	12	12	12	13
5	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	15	15	12
6	14	13	13	14	13	14	14	13	13	14	13	14	14	14	13	12	13	13	14	14	14	14	14	13	14
7	15	15	15	15	14	15	15	15	16	16	16	17	13	13	13	13	13	13	15	13	12	13	17	17	15
8	17	17	13	13	13	14	13	15	16	17	17	16	14	14	13	15	15	17	14	13	11	12	11	13	14
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13	13	13	13	13	13	12	12	12	12	12	12	12	13	12	12	12	12	12	12	13	13	13	13	13	12
14	14	14	14	14	14	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	12	12	13
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25	13	14	13	13	13	12	13	13	13	12	12	****	12	12	12	12	12	12	12	13	13	13	13	13	13
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27	15	14	13	13	13	14	13	13	13	14	14	13	13	13	14	13	14	13	14	14	13	13	13	13	13
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30	14	14	14	14	13	15	15	13	13	14	14	13	13	14	14	13	14	14	14	15	14	14	15	15	14
MEAN	14	14	13	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	15	13	17	17	15	14	13	12	12	12	12	12	12	12	12	13	13	13	12	13	13	14	13
2	13	15	16	16	16	15	14	14	13	13	****	12	12	12	12	12	12	12	12	12	12	12	12	12	13
3	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	13	13	12	12	12	12	13	13	13	12
4	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	12	12	12	12
6	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12
7	16	27	13	13	13	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13
8	13	13	13	13	13	13	12	12	13	12	12	12	12	12	12	12	13	12	12	12	13	12	12	12	12
9	12	12	12	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12
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12	14	14	14	14	15	16	16	15	14	14	14	13	14	14	13	14	16	14	15	15	15	13	13	13	14
13	15	15	15	14	14	15	15	14	13	13	14	13	13	14	14	13	13	14	14	14	13	13	13	14	14
14	14	14	13	13	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13
15	13	13	13	13	14	14	14	14	14	13	13	12	12	12	12	12	12	12	12	12	13	13	13	13	13
16	13	13	13	13	13	14	14	14	14	14	13	13	13	13	12	12	12	12	14	16	13	17	19	21	14
17	24	17	15	15	16	16	16	15	15	16	17	17	16	16	16	17	18	17	13	13	13	14	15	15	16
18	16	16	16	15	14	14	15	15	14	14	12	12	12	12	12	12	12	13	13	13	13	13	13	13	14
19	13	13	13	13	13	13	13	12	12	13	14	14	14	12	12	12	12	12	13	13	13	14	14	14	13
20	13	13	13	13	13	13	14	14	14	14	13	13	13	13	13	14	13	14	15	15	16	14	14	14	14
21	14	14	14	14	15	15	17	16	15	14	14	14	14	14	14	14	13	****	****	****	****	****	****	****	14
22													- DATA INVALID -												
23	****	****	****	****	****	****	****	****	****	****	****	11	12	12	12	13	13	13	14	14	16	16	18	19	******
24	18	19	16	16	17	15	14	14	13	13	13	13	12	12	12	12	12	14	13	14	14	15	14	13	14
25	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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28	13	13	13	14	13	14	17	14	13	13	13	13	13	13	13	13	13	13	12	12	12	14	14	14	13
29	13	13	13	13	13	14	14	14	14	14	14	14	14	14	16	14	14	14	15	14	14	13	14	14	14
30	14	15	15	14	14	15	15	15	15	16	18	18	17	14	14	14	14	13	14	14	14	13	12	12	15
31	12	12	12	12	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	13	12
MEAN	14	14	13	13	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13.1

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	12	12	12	13	13	12	12	12	12	13	14	14	14	13	13	14	14	13	14	14	14	13
2	14	13	13	13	13	14	15	16	16	16	17	18	19	18	15	14	13	13	13	13	14	14	17	15	15
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5	13	13	13	13	14	14	15	14	14	14	14	14	14	14	13	13	13	13	13	15	14	14	14	15	14
6	18	15	15	15	15	15	15	15	15	16	15	15	****	****	****	****	****	****	****	****	****	****	****	****	******
7													- DATA INVALID -												
8													- DATA INVALID -												
9	****	****	****	****	****	****	****	****	****	13	12	12	12	12	12	12	12	12	12	12	13	13	12	12	******
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12	18	16	17	18	19	18	20	14	13	13	13	13	13	13	13	13	14	13	14	13	13	13	14	14	15
13	14	14	16	16	15	14	14	14	14	13	****	13	14	14	14	13	14	13	13	14	14	14	14	14	14
14	15	16	15	15	15	15	16	16	16	15	14	14	14	14	14	14	14	14	13	13	13	13	14	14	14
15	14	14	14	14	14	14	14	14	14	14	14	14	16	14	13	12	12	12	12	12	12	13	13	13	13
16	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13	13	13	13	13	13	13
17	13	13	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
18	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	15	16	16	16	16	14	14
19	14	13	14	15	17	17	17	17	18	16	15	15	15	15	15	16	16	16	15	14	13	13	13	14	15
20	13	12	12	12	12	12	12	12	****	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	12
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22	13	13	13	16	18	15	13	14	13	12	12	12	12	12	12	12	12	12	12	12	13	14	13	13	13
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24	14	15	15	15	18	20	19	20	18	17	15	14	14	14	14	13	13	13	14	14	14	15	15	15	15
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28	13	15	12	14	13	13	14	14	14	13	16	13	14	13	12	12	14	15	16	14	13	13	14	13	14
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30	12	12	12	12	12	12	12	12	12	11	11	12	12	11	11	12	12	12	12	12	12	12	12	12	12
MEAN	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	13.5

PERCENTAGE OF DATA VALID - 90.1 PERCENTAGE OF DATA INVALID - 9.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	12	12	12	13	13	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	12
2	13	13	13	13	13	13	14	13	13	14	14	13	14	13	13	12	13	13	14	14	13	13	13	13	13
3	13	14	13	14	14	13	13	13	13	13	13	14	14	14	12	12	12	12	12	12	12	13	13	14	13
4	14	13	13	13	13	13	13	13	13	13	13	12	12	14	16	14	13	12	12	12	12	14	14	15	13
5	20	17	23	19	21	17	12	13	13	13	13	12	12	12	12	12	12	12	11	11	12	12	12	12	14
6	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	15	13	12
7	13	13	13	14	14	13	14	14	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13
8	13	13	13	13	12	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9	12	12	13	12	13	13	13	14	14	13	13	13	13	12	12	12	12	12	12	12	12	12	14	15	13
10	18	17	19	17	17	15	15	15	15	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14
11	12	12	12	12	12	13	13	12	12	12	12	12	12	12	12	11	11	11	11	12	12	12	12	12	12
12	12	12	12	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	12
13	13	15	14	14	15	14	14	12	13	13	12	12	12	12	11	11	11	12	12	12	12	12	14	14	13
14	13	14	15	15	14	14	14	13	13	12	12	12	12	11	11	12	12	12	12	12	13	13	13	13	13
15	13	13	13	14	13	14	14	14	****	****	****	****	****	11	11	11	11	11	12	12	12	12	12	12	12
16	12	12	12	12	12	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	12	12	12
17	13	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	12	12	12	12	12	12	12
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19	14	14	13	15	15	17	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	17	15	14	14
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26	13	13	13	13	13	13	14	14	14	15	17	17	17	16	16	16	16	15	17	18	20	19	17	15	15
27	16	16	16	17	18	20	19	15	16	15	15	15	15	14	14	15	15	15	15	15	17	17	16	16	16
28	15	15	14	14	16	15	16	16	13	13	13	14	16	15	13	13	13	13	13	12	13	13	13	14	14
29	14	13	13	14	13	13	13	13	13	13	13	13	12	12	12	13	13	13	12	13	13	13	14	14	13
30	14	14	14	14	14	14	14	14	13	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13
31	13	14	14	15	16	17	15	15	16	15	14	13	13	13	13	13	13	13	13	14	15	15	15	14	14
MEAN	13	14	14	14	14	14	14	13	13	13	13	13	13	13	12	12	12	12	13	13	13	13	13	13	13.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	16	17	22	17	16	15	15	15	14	14	****	13	13	13	13	13	12	12	13	14	14	14	14	15
2	14	14	14	13	13	14	14	14	14	13	13	13	12	12	12	12	12	12	12	12	12	14	14	13	13
3	13	13	13	14	14	14	15	15	14	14	14	13	13	13	12	12	12	12	12	13	13	13	14	14	13
4	15	14	14	15	16	16	15	14	15	15	14	13	12	13	13	13	13	13	13	13	13	14	14	14	14
5	14	14	14	15	14	15	16	16	****	****	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14
6	14	13	14	14	15	15	14	14	15	15	15	14	14	14	14	14	14	14	15	15	16	15	14	15	14
7	15	15	15	15	15	15	15	15	15	15	14	14	15	14	13	14	14	13	13	13	14	15	15	14	14
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11	15	16	16	16	19	19	18	17	17	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15
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17	14	15	16	17	17	19	24	18	17	16	16	15	15	15	15	15	14	15	15	14	14	14	14	16	16
18	15	17	22	17	15	20	18	15	14	14	15	15	****	****	15	15	15	16	16	16	16	16	16	15	16
19	16	16	16	16	16	16	16	16	16	16	15	15	14	14	14	14	14	14	14	15	15	17	17	16	15
20	18	17	17	18	19	19	19	19	18	19	19	18	17	16	16	15	15	16	16	16	16	16	16	16	17
21	16	16	16	16	16	16	16	****	15	16	16	16	15	15	15	14	14	15	14	16	14	16	19	16	16
22	17	14	14	14	16	19	15	15	14	17	15	15	14	16	16	16	15	17	16	15	14	14	15	14	15
23	15	16	17	16	16	15	15	15	15	15	15	14	14	14	14	14	14	15	15	15	15	14	14	14	15
24	14	15	19	19	18	16	16	15	16	16	16	14	14	14	14	14	13	13	14	14	17	18	17	22	16
25	21	21	20	17	19	20	19	18	15	16	15	14	13	14	13	13	13	14	14	14	15	14	15	14	16
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27	15	15	15	15	16	16	16	16	16	15	15	14	14	14	14	14	14	14	14	14	14	14	14	17	15
28	14	15	16	14	14	14	14	15	14	15	15	15	16	16	15	16	15	15	15	15	15	15	15	15	15
29	15	15	16	17	18	18	16	17	16	16	16	16	15	15	15	15	15	15	16	16	16	15	15	15	16
30	16	16	16	16	18	20	18	18	19	18	14	14	14	14	14	14	14	15	15	15	15	15	14	15	15
31	15	14	14	14	15	15	14	14	14	14	14	14	13	****	****	****	****	****	13	13	13	13	13	13	14
MEAN	15	15	16	16	16	16	16	15	15	15	15	14	14	14	14	14	14	14	14	14	14	15	15	15	14.8

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	13	13	13	12	12	12	12	12	12	13	12	12	12	12	12	12	13	12	12	12
2	12	12	12	12	13	14	13	13	13	14	13	13	14	14	14	14	13	14	14	14	14	14	17	17	14
3	17	16	14	14	14	14	16	14	14	14	14	13	13	13	14	14	13	14	13	14	14	17	19	17	15
4	34	24	24	22	23	25	25	22	19	18	18	18	16	15	14	15	14	15	14	17	16	14	14	14	19
5	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14
6	15	14	14	14	14	15	15	15	15	15	14	13	14	13	13	13	13	13	13	14	14	14	14	14	14
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10	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
11	14	14	14	14	14	14	14	14	****	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14
12	14	15	15	17	17	17	17	15	15	16	16	16	15	15	15	16	17	17	17	16	16	17	17	16	16
13	18	15	15	15	17	16	17	14	17	16	16	16	16	16	16	15	15	14	16	15	16	17	17	19	16
14	21	23	21	17	18	21	21	19	17	15	14	10	11	11	11	11	11	11	11	11	11	11	11	11	15
15	11	11	11	11	11	11	11	11	11	11	11	11	12	11	11	11	11	11	11	11	11	11	12	11	11
16	11	11	12	16	16	15	19	12	12	13	14	11	11	11	11	11	11	13	12	13	15	13	15	12	13
17	14	13	13	11	13	11	13	11	11	11	10	10	10	10	10	10	10	****	****	****	****	****	****	****	11
18	- DATA INVALID -																								
19	****	****	****	****	****	****	****	****	10	13	13	13	13	14	14	14	14	14	14	15	15	16	18	20	14
20	19	17	16	21	23	24	20	16	16	15	14	14	13	13	13	13	13	14	14	15	17	14	14	17	16
21	17	16	16	15	15	15	15	15	14	17	19	14	13	13	13	13	13	13	13	13	13	13	13	13	14
22	13	13	13	13	14	14	14	14	15	14	14	13	13	13	13	13	13	13	13	13	12	12	12	12	13
23	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13	13	13	13	13
24	13	13	14	14	14	14	15	15	15	14	14	14	14	13	13	13	13	13	13	13	14	14	14	14	14
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26	13	14	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
27	14	15	15	14	14	14	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	16	14	14
28	14	14	14	16	15	15	16	15	15	13	13	13	13	13	14	13	14	14	14	14	14	14	14	15	14
29	14	14	15	15	15	18	19	17	15	****	13	13	14	14	14	14	14	14	14	14	18	19	21	18	15
30	20	21	22	22	18	14	14	13	14	14	14	14	14	14	14	13	13	13	14	15	14	14	14	13	15
MEAN	16	15	15	15	16	15	16	15	14	14	14	13	13	13	13	13	13	14	14	14	14	14	15	14	14.3

PERCENTAGE OF DATA VALID - 94.3 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	15	15	14	14	14	13	13	12	13	12	13	13	13	13	13	13	13	13	13
2	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	15	14	12
3	13	14	16	16	15	15	15	15	15	13	****	13	14	13	13	13	14	14	14	15	14	15	14	12	14
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5	13	12	13	12	13	13	13	13	13	13	13	12	12	12	13	13	13	13	14	13	13	14	14	13	13
6	13	13	13	13	13	14	15	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13
7	14	16	16	16	15	16	16	15	14	14	13	13	13	13	12	13	13	13	13	13	13	13	13	14	14
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9	12	12	12	12	12	12	13	13	12	12	14	13	12	14	14	14	14	13	13	13	13	13	13	13	13
10	13	13	14	14	16	16	****	****	17	16	14	13	13	13	14	13	13	13	13	14	13	14	18	17	14
11	18	19	14	14	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	13
12	12	12	12	12	12	12	12	12	12	13	12	13	12	12	12	12	12	12	12	12	12	12	13	13	12
13	13	13	13	12	12	12	13	13	13	12	12	12	12	12	12	12	12	12	12	13	12	13	13	12	12
14	12	13	13	13	13	13	13	14	14	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13
15	14	14	14	14	14	13	14	13	15	14	14	16	16	15	15	15	15	14	14	14	15	15	15	16	15
16	15	15	16	15	16	16	16	16	16	16	18	17	15	15	15	15	15	14	15	14	14	14	16	16	15
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18	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13
19	13	12	12	12	12	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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22	14	13	13	13	13	14	14	14	14	13	13	13	14	13	13	13	13	13	13	13	13	13	14	16	13
23	14	14	14	14	14	15	15	15	17	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	14
24	15	15	15	15	15	16	17	16	15	13	14	13	13	13	13	13	13	14	15	17	17	16	15	13	15
25	14	13	12	17	16	13	12	12	13	13	14	14	14	13	12	12	12	12	12	12	11	11	11	11	13
26	12	12	12	11	11	11	12	12	12	12	12	12	11	11	11	11	11	12	12	12	12	12	12	12	12
27	12	12	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
28	12	12	12	12	12	13	14	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
29	12	12	12	12	12	12	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
30	13	13	13	13	13	13	****	****	****	****	****	****	****	****	****	11	12	12	12	12	12	12	11	11	******
31	11	11	11	11	13	13	13	13	13	13	13	13	13	12	12	12	13	13	13	13	13	13	13	13	13
MEAN	13	13	13	13	13	13	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13.1

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12	12	12
2	13	13	13	13	13	13	12	12	12	12	12	12	11	11	12	12	12	12	12	14	12	14	16	16	13
3	16	16	32	23	20	22	16	17	19	14	13	13	14	14	14	14	14	15	14	14	14	14	14	14	16
4	13	12	12	12	12	13	12	12	12	12	12	12	12	13	13	13	13	13	13	12	12	12	12	12	12
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18	15	15	14	14	14	14	14	20	17	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
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22	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	16	16	16	16	15
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24	16	16	17	18	18	20	20	18	18	16	16	16	16	15	15	15	15	16	16	15	15	14	15	14	16
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30	11	10	10	10	10	10	11	11	11	11	11	11	14	14	14	14	14	14	14	14	14	14	14	14	12
MEAN	14	14	15	14	14	14	14	14	14	14	14	13	13	13	13	14	14	14	14	14	14	14	14	14	13.9

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	15	15	15	16	15	15	15	15	15	16	17	17	17	17	17	17	17	16	15
2	16	15	15	16	16	16	16	18	19	15	15	15	15	15	14	15	15	14	14	13	13	13	13	13	15
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4	14	14	14	14	15	14	15	15	15	15	15	16	15	14	14	15	15	15	15	16	16	16	16	16	15
5	16	16	16	16	16	16	16	17	16	15	17	18	14	14	14	14	14	14	14	15	15	16	16	17	16
6	15	15	15	16	16	17	16	17	16	16	16	15	15	15	14	15	14	15	15	15	14	15	15	16	15
7	15	15	16	16	16	16	16	16	16	17	17	17	17	17	17	21	24	19	19	18	17	16	16	16	17
8	16	16	17	16	16	16	16	15	15	14	14	13	14	14	14	15	16	16	15	14	14	14	14	14	15
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12	15	15	15	15	15	15	15	16	15	15	15	16	16	16	15	15	15	15	15	15	15	15	15	15	15
13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	14	14	14	14
14	14	14	14	14	13	13	14	14	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14
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18	14	14	14	14	14	14	14	14	14	14	14	13	14	14	14	14	14	13	14	14	14	14	13	13	14
19	14	14	14	14	14	14	14	14	****	13	13	14	14	14	14	14	15	15	14	14	14	14	14	14	14
20	15	14	14	14	14	14	14	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14
21	15	15	14	15	14	14	15	15	15	15	15	15	15	15	14	14	14	15	15	15	15	15	15	15	15
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24	15	15	15	15	15	15	15	15	16	17	13	13	14	13	14	14	14	14	14	14	14	14	14	14	14
25	14	14	14	14	14	14	14	14	15	15	15	15	14	14	15	15	15	15	15	15	15	15	15	15	15
26	15	15	15	15	15	15	15	15	16	17	16	15	15	15	15	15	15	15	14	14	15	15	15	15	15
27	15	15	15	16	16	18	20	17	18	18	16	15	17	17	17	15	16	16	17	17	17	21	22	23	17
28	24	26	27	27	24	25	25	23	19	15	16	15	15	15	15	15	15	15	15	16	16	17	17	16	19
29	17	16	16	16	17	17	18	18	19	****	17	18	17	16	15	15	15	16	17	15	15	14	14	14	16
30	13	13	13	13	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	13	13	14	13	14	13
31	14	13	14	14	14	14	14	14	14	14	14	14	13	14	13	13	14	14	13	15	15	15	14	15	14
MEAN	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	16.1	20	33
FEB	25	13.3	15	20
MAR	31	14.0	15	23
APR	30	13.4	15	25
MAY	29	13.1	16	27
JUN	26	13.5	15	20
JUL	31	13.1	16	23
AUG	31	14.8	17	24
SEP	29	14.3	19	34
OCT	30	13.1	15	23
NOV	30	13.9	17	32
DEC	31	15.0	19	27
YEAR	352	14.0	20	34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201&OVER	TOTAL
JAN	0	681	30	1	0	0	0	0	712
FEB	0	607	2	0	0	0	0	0	609
MAR	0	739	5	0	0	0	0	0	744
APR	0	716	3	0	0	0	0	0	719
MAY	0	698	3	0	0	0	0	0	701
JUN	0	646	3	0	0	0	0	0	649
JUL	0	734	5	0	0	0	0	0	739
AUG	0	722	11	0	0	0	0	0	733
SEP	9	639	30	1	0	0	0	0	679
OCT	0	731	1	0	0	0	0	0	732
NOV	26	682	10	2	0	0	0	0	720
DEC	0	726	16	0	0	0	0	0	742
YEAR	35	8321	119	4	0	0	0	0	8479

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.5	9	11.5	12.4	13.1	13.9	15.9	16.9	18.5	19.9	34	14.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	4	3	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
2	1	1	1	1	1	1	1	2	2	3	2	2	****	1	1	2	2	2	2	1	1	1	1	1	1
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4	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2
5	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1
6	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	****	****	****	******
7	****	****	****	1	1	1	1	2	2	2	2	1	****	1	1	2	2	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	1	1	1	3	2	2	9	5	3	2	2	1	1	1	1	2
9	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1
10	1	2	2	1	1	2	2	3	4	3	3	2	2	2	2	2	2	3	2	2	2	3	3	4	2
11	3	2	2	2	2	3	2	2	2	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	3	3	3	2	2	2	2	******
15	2	2	2	2	2	1	2	3	4	5	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	5	5	2	2	2	1	1	1	1	2
17	1	1	1	1	1	1	1	2	3	3	3	4	3	3	3	3	2	2	3	3	3	2	2	2	2
18	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2
22	2	2	2	2	2	1	1	1	2	2	2	****	****	2	2	3	3	3	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
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25	2	2	1	1	2	2	2	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	2	2	****	1	1	1	2	2	2	2	2	2	2	1	2	2
29	1	1	1	1	1	1	1	2	3	3	3	2	1	1	1	2	2	2	2	2	1	1	1	1	2
30	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	1	1	2	2	2	1
31	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	2	1.6

PERCENTAGE OF DATA VALID - 86.4 PERCENTAGE OF DATA INVALID - 13.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	4	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	2
2	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	1	2	2
3	2	1	1	1	1	2	2	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	2	2	1	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
6	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	3	2	3	3	5	4	7	9	4	3	3	2	2	2	3	3
8	2	2	2	2	2	2	3	2	3	3	2	****	2	2	2	2	3	3	2	2	2	2	2	3	2
9	2	2	1	1	3	4	8	5	5	5	5	5	5	4	4	5	4	3	3	3	2	3	2	2	4
10	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	3	3	3	3	3	3	2	1	1	2
12	4	4	3	3	2	2	2	2	2	2	4	6	2	2	3	3	3	3	2	2	2	2	1	1	3
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	2	1	****	1	1	2	2	2	2	2	2	2	2	2	1
15	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
17	1	1	1	1	2	2	0	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
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19	3	3	3	2	2	2	2	2	5	3	3	4	4	4	3	3	3	3	3	4	5	3	3	2	3
20	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	2	****	1	1	1	1	2	2	2	2	1	1	2	2	2	1
22	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	2	2	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	2	-	-	****	2	2	2	2	2	2	2	3	2	2
25	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
26	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	5	5	6	7	6	3	3
27	3	3	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	2	2	****	2	2	2	2	2	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	2
30	2	2	2	2	2	2	3	6	7	4	3	4	4	3	****	4	5	4	4	4	5	5	3	3	4
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	4	3	3	3	2	2	2
5	1	1	1	1	1	1	1	2	3	4	3	3	3	4	5	5	3	2	2	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	3	3	3	2	****	****	****	****	****	****	****	2	3	4	3	2	2
8	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	3	3	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	2	1	2	2	4	3	3	3	2	2	2	2	2	2	2
13	2	1	1	1	1	1	1	1	2	2	1	1	2	2	****	2	2	2	2	2	1	2	2	2	2
14	2	1	1	2	2	2	2	2	4	3	3	2	2	2	1	1	1	1	2	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2
16	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	3	3	4	****	2	2	3	4	7	7	2	3	3	1	1	1	3
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1
19	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2	6	2	2	3	5	2
20	7	6	7	5	4	3	2	2	3	3	3	2	****	****	****	3	****	****	5	4	2	2	2	2	4
21	2	2	2	3	1	1	1	2	3	3	3	****	****	****	3	2	2	2	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	1
23	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2
24	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2
25	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	1	1	2	2	1	1	1	2	1	1
26	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	3	3	3	3	3	3	3	2	2	2
27	2	2	2	2	1	1	2	2	3	4	4	2	2	2	2	2	4	2	2	2	2	2	2	2	2
28	1	1	1	2	2	2	3	4	5	4	3	2	2	****	****	6	6	6	4	4	4	3	2	3	3
29	2	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	2	2	2	2	2	****	2	3	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	2	****	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1
4	1	1	1	1	1	1	1	2	2	2	1	2	****	1	1	1	1	2	2	1	1	1	1	1	1
5	2	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
6	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
7	2	2	2	1	1	1	2	2	3	3	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	1	2	3	3	2	1	2	1	1	1	2	2	2	2	1	1	1	1	1
9	2	2	2	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	2	3	4	3	2	2	1	1	1	1	1	2	2	2	2	2	1	2	2
13	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2
14	2	2	2	1	1	2	2	3	3	3	2	2	1	1	-	1	1	2	2	2	1	2	2	2	2
15	2	2	2	2	2	1	2	2	3	4	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2
16	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	2	2	****	2	2	2	2	3	2	2	2	1	1	2	1	2
19	2	2	1	1	1	2	2	2	3	4	3	3	3	3	2	3	3	3	6	4	4	3	3	3	3
20	2	2	2	2	2	2	2	3	3	3	3	6	7	5	3	4	5	5	3	3	4	3	3	3	3
21	3	2	2	1	1	1	1	2	2	3	3	2	2	****	2	3	2	2	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	1	2
23	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
25	1	1	1	1	1	1	1	2	3	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	2	2	2	1	1	1	1	1	1
27	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1.6

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	4	4	4	3	2	4	****	3	2	3	3	2	3	3	5	4	2	1	3
2	1	1	1	1	1	2	3	7	7	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3	3
3	3	3	3	4	3	3	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	2	2	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1
5	1	1	1	1	1	1	3	3	6	****	****	****	****	2	2	2	2	1	1	2	2	2	1	2	2
6	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	2	2	1
7	2	2	2	2	1	1	2	3	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	2	2	1	****	2	2	2	2	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	3	2	2	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2	2
11	2	2	2	1	1	1	3	2	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1
12	2	3	3	1	2	3	3	6	6	****	3	2	2	2	2	2	2	2	3	3	3	3	2	2	3
13	3	3	4	3	3	3	2	2	3	2	3	2	3	3	4	4	4	4	3	3	4	3	3	4	3
14	2	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2	1	2
15	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	2	1	1	2	3	3	5	****	3	3	3	3	3	2	2	2	2	2	2	3	3	4	9	3
17	7	5	4	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	3
18	1	1	1	1	1	1	1	1	1	2	3	2	3	2	2	2	2	1	2	2	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	-	-	-	-	-	-	1
20	-	-	-	-	-	-	-	-	****	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	******
21	3	3	2	2	2	2	3	5	4	5	4	3	2	2	2	3	3	2	2	2	2	2	3	4	3
22	2	2	2	2	2	2	3	3	5	4	4	3	3	3	3	3	3	4	3	2	2	3	3	3	3
23	4	3	3	2	3	7	5	8	7	5	6	5	3	3	3	3	3	3	3	4	5	8	6	3	4
24	2	2	2	2	2	1	2	4	4	6	4	3	3	3	3	3	3	2	2	2	2	2	2	2	3
25	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	1
26	1	1	1	1	1	1	2	2	2	2	****	1	2	2	2	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1
28	1	1	1	1	1	1	2	2	3	4	3	2	2	2	2	2	2	2	2	4	3	4	6	7	3
29	8	6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
30	1	1	1	2	2	2	3	7	7	5	6	8	8	6	6	4	2	2	4	2	2	2	2	2	4
31	1	1	1	1	1	1	3	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	2	1	1	1	1
2	1	1	1	1	1	2	3	6	6	8	7	6	4	4	5	4	4	4	2	2	2	2	2	2	3
3	2	2	1	2	2	2	3	3	3	3	3	2	2	****	2	2	2	1	1	1	1	1	1	1	2
4	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
5	2	1	1	1	1	2	2	3	3	2	2	1	2	2	2	2	2	2	3	3	3	2	2	2	2
6	1	1	1	1	1	1	2	3	4	4	3	4	3	2	3	3	3	3	2	2	2	2	2	1	2
7	1	1	1	1	1	1	1	2	2	2	1	1	4	3	1	3	3	3	2	1	1	2	2	4	2
8	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	2	2	3	3	3	****	1	1	1	1	1	1	1	1	1	1	1	2	2	1
10	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	4	2
12	3	3	3	5	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	2	3	2	2	3	4	5	6	4	3	3	2	2	2	2	2	2	3	3	2	2	2	2	3
14	2	2	2	3	4	5	7	3	2	2	2	2	2	2	2	2	2	2	2	3	5	2	2	3	3
15	4	3	3	5	6	5	6	4	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	2	2	1	****	1	1	1	1	1	2	2	1	1	1	1	2	1	1
17	1	1	2	1	2	1	2	4	4	3	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2
18	2	2	2	2	2	2	3	3	4	3	3	2	2	2	2	3	3	3	4	3	4	3	3	2	3
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	3	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	2	3	3	3	3	2
21	3	3	3	2	2	2	2	2	2	2	2	2	2	2.	1	1	1	1	2	3	3	4	4	4	2
22	5	5	5	4	6	6	5	4	3	2	2	2	2	2	1	1	1	1	2	2	2	2	3	4	3
23	3	5	4	3	4	8	10	10	10	8	5	4	3	3	2	2	2	2	2	2	2	3	4	5	4
24	5	6	9	6	5	5	4	5	5	5	4	4	3	3	3	3	3	3	3	2	2	2	3	4	4
25	4	3	3	3	3	3	4	7	7	4	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3
26	3	3	2	2	2	3	3	4	4	4	3	3	****	2	2	2	3	3	2	1	2	2	2	2	3
27	3	4	3	2	2	1	2	2	2	2	2	1	2	2	2	2	2	2	1	1	2	2	2	2	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
29	2	2	2	2	10	9	5	3	2	2	1	1	1	1	1	1	1	2	2	2	3	3	4	2	3
30	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1
MEAN	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
2	1	2	2	2	2	3	3	2	2	2	2	1	****	1	1	1	1	1	1	1	1	2	2	2	2
3	2	2	2	2	1	2	2	2	3	4	3	2	2	2	2	2	2	2	2	3	4	4	5	4	3
4	2	2	2	2	3	3	3	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	4	2
5	7	6	3	4	5	3	3	4	4	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	3
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
7	2	2	1	1	1	1	4	5	5	****	3	2	2	2	2	2	2	2	2	2	2	1	1	2	2
8	2	3	3	2	2	2	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2
9	1	1	2	2	1	1	2	3	6	3	3	2	3	3	3	3	3	5	5	3	3	2	5	4	3
10	6	10	11	10	8	7	6	4	3	4	****	3	2	2	2	2	2	2	2	2	3	4	4	3	4
11	3	2	2	2	2	3	3	3	4	3	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2
12	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1
13	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	5	6	2
14	4	3	4	7	10	8	5	4	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	- DATA INVALID -																								
16	****	****	****	****	****	****	****	****	****	2	2	3	2	2	2	2	2	2	3	3	4	2	1	******	
17	2	3	3	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	2
18	1	1	1	1	1	2	3	4	****	3	2	2	2	1	1	2	2	4	3	4	4	2	1	1	2
19	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	2
20	6	5	3	3	3	4	3	2	2	2	3	3	3	2	2	2	3	2	3	3	2	5	4	2	3
21	1	1	1	1	1	1	3	3	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2
22	1	1	1	1	1	1	3	3	3	3	3	2	3	2	2	2	2	2	3	4	5	2	2	1	2
23	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
24	2	2	1	1	1	2	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2
25	2	1	1	1	1	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
26	2	3	5	5	3	2	3	2	1	1	1	2	2	3	6	3	3	3	6	2	6	8	7	4	3
27	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2
28	1	1	1	1	1	2	3	4	3	2	2	3	4	2	2	3	2	2	1	1	1	2	3	2	2
29	2	2	2	2	2	1	2	3	3	3	2	3	2	2	2	2	2	2	3	3	4	5	5	3	3
30	3	3	4	2	2	1	2	****	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
31	1	1	1	3	7	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2.2

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 7.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	4	****	****	5	4	5	2	2	2	2	2	2	2	2	3	4	4	4	3
2	3	2	2	2	2	2	2	3	2	3	3	2	2	4	3	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	3	3	3	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	2	1	2	3	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	2
6	2	2	2	2	3	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	3	4	5	3	3
7	2	3	3	3	2	3	3	3	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2
8	2	3	3	4	3	4	****	****	5	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	3
9	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	3	3	3	3	3	3	3	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2
11	3	3	4	3	3	3	4	4	3	3	2	****	2	2	2	2	2	2	2	2	2	2	2	3	3
12	3	3	2	2	2	2	3	5	5	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
13	2	2	2	3	3	3	4	4	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	4	3
14	5	6	3	3	3	4	5	4	4	4	5	3	3	3	3	3	3	2	2	2	3	3	3	3	3
15	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	2
17	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
18	4	3	3	3	3	3	3	4	4	4	****	3	4	5	5	5	4	3	4	4	4	4	4	6	4
19	5	5	6	8	9	6	7	8	6	4	3	4	3	3	3	3	3	3	3	4	6	6	5	5	5
20	5	5	4	4	4	4	4	4	4	3	3	3	3	2	2	3	3	2	2	2	3	2	3	3	3
21	2	2	2	2	2	2	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
22	3	3	4	3	3	3	3	4	3	3	3	3	3	2	3	3	2	3	3	3	3	4	4	5	3
23	4	4	4	4	3	3	3	3	3	3	2	2	3	3	3	2	2	3	3	3	3	3	4	4	3
24	4	3	3	3	3	3	3	3	3	3	2	1	****	****	****	****	****	****	****	****	****	****	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	4	3	2	3	3	3	3	2	2	2	2	3	3	******
26	2	2	2	2	2	3	4	4	5	3	3	3	2	3	3	2	2	2	2	3	3	2	3	3	3
27	3	3	3	2	3	3	3	4	****	4	4	3	2	2	3	3	3	2	2	2	3	2	2	2	3
28	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
29	2	2	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
30	3	3	3	3	3	3	3	4	6	2	2	2	3	2	2	2	3	3	2	2	2	2	2	3	3
31	3	2	3	2	2	3	3	3	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	3	2	2	2	2	2	2	2
2	2	2	2	2	2	2	3	5	4	4	4	4	****	4	3	3	2	2	2	2	2	2	2	2	3
3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2
4	3	2	2	3	3	3	4	5	4	3	4	4	4	3	3	3	4	4	3	3	3	3	3	3	3
5	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
6	3	3	3	2	2	2	3	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	2	2
7	2	2	2	2	2	2	2	1	1	2	2	1	2	1	1	1	1	2	2	2	2	2	3	3	2
8	2	2	3	3	3	3	4	6	5	6	****	3	3	3	2	3	3	3	2	3	4	2	2	2	3
9	2	2	2	2	3	4	4	4	5	3	4	3	3	3	3	3	2	2	2	2	1	2	1	1	3
10	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	2	2
11	2	2	2	2	2	2	3	3	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	2	2
12	2	2	2	2	1	1	1	2	2	2	****	2	2	2	2	2	2	2	2	3	3	2	2	2	2
13	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	3	2	3	3	3	4	2
14	4	4	4	5	5	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
15	2	1	1	1	1	2	2	2	3	2	****	2	2	****	3	3	3	3	2	2	2	2	2	2	2
16	2	2	2	2	3	4	3	2	2	3	3	3	3	3	2	2	2	2	3	4	3	3	3	2	3
17	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	4	4	3	4	3	2	3	2	2	2	2	2	2	2	2	2	1	2
19	2	2	2	2	2	2	3	4	3	2	****	2	2	2	2	3	3	3	4	4	3	4	3	4	3
20	3	4	3	3	4	2	2	4	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3
21	2	2	3	2	2	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	3	3	2	2	2
22	1	1	2	1	1	1	2	2	2	2	3	2	2	2	2	4	4	3	2	2	3	2	2	2	2
23	2	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
25	2	3	3	3	2	2	3	3	8	5	6	6	4	3	3	3	3	2	2	2	2	3	2	3	3
26	4	2	2	1	1	1	1	2	1	1	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2
27	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2	3	2	2	2	2	2
29	2	1	1	1	1	2	2	3	3	2	****	2	2	2	2	3	4	3	4	4	4	5	4	5	3
30	12	9	5	6	5	5	6	6	7	6	5	3	3	3	3	3	3	2	2	2	2	2	2	2	4
MEAN	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	2	2	2	2	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	3	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2
3	3	3	3	3	2	2	3	3	2	2	****	2	2	2	4	5	5	5	4	3	3	3	3	3	3
4	3	3	3	3	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
6	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3
7	2	2	2	3	2	3	5	6	6	6	7	6	5	4	3	3	3	4	3	3	4	4	3	3	4
8	4	3	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	3	4	4	3	2	2	2	2	3	2	2	2	2	3	2	2	2	3	2
10	2	2	2	2	2	3	4	5	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
11	3	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
12	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
14	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2
15	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
16	2	2	2	2	2	2	3	4	5	4	4	5	3	3	4	3	3	2	2	2	2	2	2	2	3
17	2	2	2	2	2	2	3	4	6	6	6	6	8	7	3	3	3	2	2	2	2	2	2	1	3
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	2	1	1	2	2
19	2	2	2	1	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1	2	2	2	2	2	2
20	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2
22	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	3	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	2	2	2	2	2	2	1	1	2
29	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	1	1	1	1	2	2	2	2	2	****	1	1	1	1	1	1	1	1	2	2	1	1	1
MEAN	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	3	3	1
3	4	4	3	2	1	1	1	1	2	2	2	2	3	3	5	5	4	4	4	5	4	2	2	2	3
4	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	2
5	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
6	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	3	2	2	2	2	2	1	1	2
7	1	2	1	1	1	1	2	2	3	3	2	2	3	4	8	7	7	3	4	6	3	2	1	1	3
8	1	1	1	1	1	1	1	1	1	1	1	1	****	****	****	****	****	2	2	2	2	2	2	2	1
9	2	2	2	2	1	2	1	2	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
12	1	1	1	0	0	0	1	1	2	1	****	1	2	1	1	2	2	2	3	2	2	2	2	2	1
13	3	3	3	2	1	1	1	1	3	3	3	3	3	4	4	5	5	4	4	5	5	5	5	5	3
14	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	2	1
16	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2
17	3	2	3	4	4	4	4	3	3	2	2	2	1	1	2	2	2	2	2	1	1	2	2	2	2
18	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
20	2	2	2	2	2	2	2	3	3	4	3	3	3	2	****	2	3	3	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	1	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2
23	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	2	2	2	2	2	2	3	2
24	2	2	2	2	2	4	5	4	3	4	4	****	9	4	3	4	4	3	3	2	2	2	2	2	3
25	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
26	3	3	2	2	2	2	2	3	4	4	3	****	2	2	2	2	2	2	3	4	4	4	4	4	3
27	4	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	3	4	3	4	2	2	2	2	3	3	3	2	3	3	2	3	3	3	2	2	2	2	2	3
29	2	2	2	2	2	2	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
30	1	1	1	2	1	1	1	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	1
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	2	3
2	2	2	1	2	2	2	2	3	4	5	3	****	2	2	3	3	3	2	1	2	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1
4	2	1	1	1	1	1	2	2	5	5	4	4	2	3	3	5	4	4	3	3	2	3	3	3	3
5	3	2	2	2	2	2	2	3	5	4	3	2	2	2	2	2	2	3	3	4	6	5	5	6	3
6	6	4	4	4	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	2	3	4	3	3
7	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	4	4	4	7	6	6	4	4	4	3
8	4	7	6	7	6	8	8	7	9	9	6	4	4	****	3	3	3	3	2	2	2	2	2	2	5
9	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	2	2	2
10	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2
11	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	1	1	2	3	3	3	2	2	3	3	6	5	5	5	5	4	3	2	2	2	3
13	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
15	2	1	1	1	1	2	2	3	3	3	3	2	2	3	3	3	4	5	4	4	3	****	****	****	3
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1	2	2	2	1	1	1	1	******
17	1	1	1	1	1	1	1	1	2	3	4	4	3	1	2	2	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 54.2 PERCENTAGE OF DATA INVALID - 18.4 PERCENTAGE OF DATA UNAVAILABLE - 27.4

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	1.6	2	9
FEB	29	1.6	3	7
MAR	31	1.8	4	7
APR	30	1.9	4	9
MAY	30	2.1	4	9
JUN	30	2.2	4	10
JUL	28	2.2	4	11
AUG	29	2.7	5	9
SEP	30	2.4	4	12
OCT	31	2.1	4	8
NOV	30	1.9	3	9
DEC	16	2.3	5	9
YEAR	340	2.1	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	643	0	0	0	0	0	0	0	643
FEB	689	0	0	0	0	0	0	0	689
MAR	724	0	0	0	0	0	0	0	724
APR	712	0	0	0	0	0	0	0	712
MAY	720	0	0	0	0	0	0	0	720
JUN	714	0	0	0	0	0	0	0	714
JUL	691	1	0	0	0	0	0	0	692
AUG	714	0	0	0	0	0	0	0	714
SEP	712	1	0	0	0	0	0	0	713
OCT	741	0	0	0	0	0	0	0	741
NOV	711	0	0	0	0	0	0	0	711
DEC	403	0	0	0	0	0	0	0	403
YEAR	8174	2	0	0	0	0	0	0	8176

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.1	0	0.3	0.9	1.4	1.9	2.9	3.7	4.9	5.9	12	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	27	28	27	26	26	25	26	26	26	25	24	24	24	22	23	22	22	22	21	21	21	21	24
2	20	20	21	22	22	22	22	23	25	25	23	22	23	23	23	23	24	22	19	19	19	19	19	19	22
3	19	19	19	19	19	19	19	19	21	21	21	21	21	20	19	20	21	20	20	19	19	19	19	19	20
4	19	19	19	19	19	19	19	20	****	21	22	22	21	21	21	20	20	21	21	21	21	21	21	21	20
5	21	21	21	21	20	20	20	20	20	20	19	20	20	20	20	20	19	19	21	22	22	22	24	24	21
6	26	36	44	50	67	67	48	38	30	26	23	21	19	19	20	19	19	19	19	19	20	20	19	20	30
7	20	20	19	20	19	20	20	20	20	20	20	18	19	19	19	19	20	20	20	21	21	21	21	21	20
8	20	19	19	19	19	19	19	20	21	21	22	21	19	19	19	19	20	****	21	21	20	20	20	20	20
9	20	20	20	20	20	21	21	22	22	22	23	21	21	20	19	18	19	19	20	22	22	21	23	22	21
10	22	24	25	27	22	22	22	23	25	****	****	25	22	22	23	20	24	24	25	23	22	22	21	21	23
11	20	20	20	19	19	18	18	18	18	18	18	17	17	17	18	19	18	-	-	-	-	-	-	-	18
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14	-	-	-	-	-	-	-	-	-	-	-	-	****	24	24	24	24	23	23	23	24	22	22	20	******
15	20	20	20	20	20	20	21	21	23	23	22	22	23	19	18	22	22	22	21	20	22	24	24	23	21
16	24	23	23	24	23	22	22	23	23	23	24	24	26	26	26	26	26	27	26	26	26	25	25	25	25
17	23	23	22	21	21	20	20	20	21	22	24	23	23	22	22	22	23	23	22	23	23	23	22	22	22
18	23	22	22	23	22	22	21	24	****	25	23	22	21	21	21	21	21	21	21	21	21	22	22	21	22
19	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	****	19	20	23	26	26	25	24	23	23	23	22	22	24	24	24	******
26	23	22	23	24	24	27	24	25	25	25	24	22	20	19	19	21	19	20	20	22	25	33	32	30	24
27	23	28	36	34	33	28	24	30	26	25	20	20	19	19	20	20	20	21	22	20	20	19	18	19	24
28	19	19	19	19	19	19	19	21	21	20	19	19	20	20	20	20	20	21	21	20	20	20	20	21	20
29	22	22	22	22	22	22	22	23	23	22	21	21	20	20	20	21	20	21	21	22	23	24	24	25	22
30	25	25	26	23	22	23	23	22	22	23	****	****	19	19	20	20	22	21	20	19	19	20	20	21	22
31	20	20	19	19	19	19	20	20	22	22	21	20	18	18	18	19	20	20	20	20	20	20	20	20	20
MEAN	22	22	23	23	24	24	22	23	23	22	22	21	21	21	21	21	21	21	21	21	21	22	22	22	21.9

PERCENTAGE OF DATA VALID - 69.5 PERCENTAGE OF DATA INVALID - 12.4 PERCENTAGE OF DATA UNAVAILABLE - 18.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	22	22	22	23	24	25	25	21	19	18	18	17	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	-	-	-	-	-	-	-	-	-	-	-	-	****	20	19	20	19	21	19	20	19	20	20	20	******
22	20	20	20	20	19	20	20	21	22	23	25	25	24	23	23	23	23	23	22	21	21	21	21	21	22
23	21	22	22	22	22	23	22	22	23	24	27	23	22	21	22	21	24	22	23	23	22	22	22	22	22
24	23	23	23	20	19	19	19	19	19	19	19	19	19	19	19	19	20	21	21	22	21	19	21	22	20
25	22	23	24	20	20	21	20	21	22	22	21	20	22	22	21	21	22	22	22	22	22	22	22	22	22
26	20	20	20	20	20	20	21	22	23	22	21	20	19	19	19	19	19	19	19	19	19	20	20	20	20
27	23	23	23	23	23	24	24	25	23	22	22	21	19	19	18	18	19	19	19	19	19	19	19	19	21
28	20	20	19	19	20	20	20	20	21	21	22	21	21	19	19	19	19	20	19	19	20	20	20	20	20
29	21	20	20	20	20	20	21	21	22	21	21	21	21	20	20	20	21	21	21	21	21	21	21	21	21
MEAN	21	21	21	21	21	21	21	22	22	22	22	21	21	20	20	20	21	21	21	21	20	20	21	21	20.9

PERCENTAGE OF DATA VALID - 31.3 PERCENTAGE OF DATA INVALID - 20.4 PERCENTAGE OF DATA UNAVAILABLE - 48.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	21	22	23	23	23	22	23	23	23	23	22	22	22	21	22	22	23	23	24	25	24	22
2	23	22	23	22	22	24	23	24	27	25	22	21	23	22	22	21	21	22	23	23	24	24	25	24	23
3	22	25	24	27	27	24	23	24	24	24	23	21	21	20	20	20	21	21	21	21	21	21	21	22	22
4	23	22	21	21	23	24	24	26	26	23	23	24	22	20	21	20	20	20	20	21	20	20	20	21	22
5	21	20	20	22	23	22	23	21	27	27	35	29	21	20	19	19	19	19	19	18	18	18	18	18	22
6	19	19	18	18	18	19	21	23	24	21	19	18	19	19	19	18	19	18	19	19	21	21	20	23	20
7	25	22	23	21	20	19	19	21	22	21	20	19	19	19	19	19	21	22	21	19	19	19	19	19	20
8	19	19	19	20	20	20	21	21	21	21	22	22	23	23	23	24	****	****	****	****	****	****	****	****	21
9												- DATA INVALID -													
10	****	****	****	****	****	****	****	****	****	22	21	20	21	20	19	19	19	19	18	18	18	18	18	18	******
11	19	19	19	18	19	19	19	19	19	****	****	18	18	18	18	18	18	18	18	18	18	18	18	18	18
12	19	19	19	19	20	20	21	20	21	20	19	18	18	18	17	17	20	17	17	17	17	16	17	17	18
13	18	19	18	18	18	18	18	18	19	20	21	21	20	20	20	21	21	21	21	21	21	22	22	22	20
14	22	20	18	18	18	19	19	19	19	18	18	18	19	19	19	19	19	19	20	21	21	21	21	21	19
15	21	21	22	22	23	22	22	21	21	20	20	19	19	19	18	19	27	19	20	21	21	20	21	20	21
16	20	20	20	20	20	20	21	22	23	22	21	20	18	18	18	18	17	17	17	17	17	17	17	16	19
17	18	17	17	17	17	16	17	17	18	18	18	18	19	21	22	20	21	20	20	19	20	19	20	19	19
18	18	19	19	19	19	19	19	21	21	20	19	19	18	18	18	18	18	18	20	21	21	21	22	22	19
19	24	21	21	23	23	22	22	23	23	22	21	21	19	18	18	18	19	19	18	18	19	19	20	19	20
20	20	21	21	21	22	21	21	20	21	20	20	19	19	19	18	18	19	19	19	18	18	19	18	18	20
21	19	19	19	21	19	18	17	17	18	18	18	18	19	18	18	18	18	18	18	18	18	18	18	18	18
22	19	18	18	18	17	17	17	17	18	17	18	18	18	18	18	18	18	16	19	19	19	19	19	19	18
23	18	18	18	20	20	20	19	19	18	18	18	20	19	19	18	18	19	19	20	20	19	19	18	19	19
24	19	19	18	18	18	18	18	18	19	19	19	21	22	21	22	23	23	21	20	19	19	18	18	18	20
25	19	19	19	18	18	18	18	18	19	19	19	20	20	19	19	19	19	19	19	20	21	26	27	25	20
26	31	28	25	24	26	26	25	26	25	25	27	21	19	19	18	18	23	19	18	19	21	26	27	24	23
27	23	22	21	20	20	20	20	20	20	20	19	18	18	18	17	18	18	19	19	19	20	20	20	21	20
28	21	21	21	20	25	26	23	22	23	22	20	20	19	20	20	21	21	20	20	20	21	20	20	21	21
29	21	19	19	19	19	19	19	19	19	20	20	19	20	19	19	19	19	20	19	18	18	19	20	20	19
30	21	21	19	19	20	20	20	19	18	18	18	17	18	18	18	18	18	18	18	18	17	17	17	17	18
31	18	18	18	17	17	17	18	18	20	21	20	22	20	21	23	20	20	20	19	19	19	19	19	19	19
MEAN	21	20	20	20	20	20	20	21	21	21	21	20	20	19	19	19	20	19	19	19	20	20	20	20	20.0

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	20	20	20	21	22	22	21	21	22	20	19	19	20	21	19	21	21	22	20	20	20
2	19	22	20	20	22	22	24	23	24	33	25	21	21	22	23	21	19	19	19	21	20	22	22	21	22
3	21	21	21	20	20	18	18	20	18	19	18	18	19	19	20	19	21	21	20	19	19	20	22	21	20
4	21	22	23	25	23	22	22	23	21	21	21	19	21	19	19	18	19	21	18	18	20	21	18	19	21
5	21	21	20	20	21	21	21	20	19	19	19	18	17	17	17	16	16	16	17	17	18	20	21	22	19
6	26	28	29	27	26	25	25	26	23	24	22	18	18	18	17	17	18	18	18	18	18	18	18	20	21
7	19	20	21	20	21	22	20	19	19	18	18	18	19	18	18	19	19	19	20	19	19	21	20	20	19
8	20	19	20	20	19	18	18	18	19	19	19	18	19	20	19	19	19	20	19	18	18	17	17	18	19
9	18	18	18	17	16	17	17	18	18	20	19	18	18	19	19	18	19	18	18	18	18	18	19	19	18
10	19	19	18	18	19	18	18	18	18	18	20	20	20	19	19	19	20	19	19	19	18	20	21	21	19
11	21	20	20	20	20	20	21	20	20	20	****	20	20	19	18	19	19	20	20	22	23	21	19	19	20
12	19	19	19	18	17	17	17	17	19	20	19	18	19	19	18	18	18	18	18	18	18	18	18	18	18
13	18	19	19	21	21	21	21	20	20	19	18	18	17	17	17	18	18	18	18	18	18	18	18	18	19
14	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	20	20	19	18	18	18	19	18
15	18	18	18	18	18	18	18	18	19	19	20	20	19	19	19	18	18	18	18	18	18	19	18	18	18
16	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18	18	18	18	20	19	19	18
17	19	19	19	19	19	19	19	19	18	****	****	19	18	17	17	16	16	16	16	16	18	19	21	25	18
18	26	25	25	29	27	29	27	26	25	21	19	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19	- DATA INVALID -																								
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	19	19	19	19	20	20	20	20	20	******
23	20	20	22	21	22	23	23	21	21	21	18	19	19	19	19	19	19	19	19	19	20	19	19	19	20
24	19	19	19	20	20	21	20	20	20	20	20	20	19	20	20	20	20	20	20	20	21	21	20	20	20
25	20	20	20	20	20	20	20	21	21	20	20	20	****	19	19	19	20	19	20	19	21	21	22	23	20
26	23	22	22	22	23	24	25	26	22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
27	- DATA INVALID -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	- DATA UNAVAILABLE -																								
MEAN	20	20	20	21	20	21	20	20	20	21	20	19	19	19	19	18	19	19	19	19	19	20	20	20	19.6

PERCENTAGE OF DATA VALID - 70.1 PERCENTAGE OF DATA INVALID - 21.3 PERCENTAGE OF DATA UNAVAILABLE - 8.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	-	-	-	-	-	-	-	-	-	-	-	-	-	****	19	19	19	20	21	21	26	25	23	22	******
6	21	22	22	22	22	22	22	****	22	21	21	21	20	20	20	20	20	19	19	19	20	23	20	20	21
7	20	20	20	20	20	20	20	21	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	22	20
8	23	25	25	23	23	22	22	22	21	21	****	****	20	20	20	20	20	20	20	20	20	20	20	21	21
9	21	21	21	22	22	22	23	23	21	21	20	19	19	19	19	20	20	20	20	20	21	21	24	23	21
10	24	24	24	22	23	23	23	22	20	19	20	19	19	19	19	20	19	19	19	20	20	19	19	19	21
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12	20	21	21	23	23	23	24	24	24	23	23	22	24	22	23	22	20	20	19	19	21	20	20	19	22
13	19	19	19	18	19	20	21	24	****	23	24	22	22	22	22	22	22	22	22	23	25	26	22	21	22
14	20	20	20	20	20	21	21	21	21	21	21	20	20	20	20	20	21	21	21	21	21	21	21	21	21
15	21	22	30	36	34	30	34	33	30	24	22	20	20	20	20	****	20	21	21	22	24	25	30	36	26
16	32	31	32	34	37	39	38	37	27	22	21	20	20	20	20	20	20	20	20	20	20	20	21	21	26
17	20	21	21	21	21	22	23	22	22	22	22	25	23	23	23	23	23	22	23	23	22	21	20	20	22
18	20	20	20	20	22	22	22	21	21	21	20	20	20	20	20	20	20	20	21	21	21	21	22	21	21
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20	22	22	23	23	23	24	26	25	24	24	23	21	21	21	20	20	20	20	21	21	22	21	21	21	22
21	21	22	23	25	27	28	30	33	30	27	22	21	21	21	21	22	21	21	21	21	24	27	24	25	24
22	30	36	43	46	44	42	39	36	29	25	23	23	22	22	21	21	20	19	20	21	21	25	26	30	29
23	32	35	35	34	32	30	27	27	23	23	23	22	****	22	21	21	21	21	20	20	20	21	22	23	25
24	25	23	22	22	22	22	23	23	21	22	22	21	21	21	21	21	21	21	23	22	22	22	22	23	22
25	25	24	23	23	23	22	21	21	20	20	19	19	19	19	18	18	18	19	19	19	19	19	20	20	20
26	21	21	20	21	21	22	22	22	21	20	20	20	20	20	19	19	19	20	20	19	20	21	22	22	21
27	21	22	23	27	30	33	38	34	31	30	26	24	23	23	21	21	21	21	20	19	19	20	20	21	25
28	22	27	29	25	27	32	32	34	28	25	23	24	22	21	21	21	21	21	21	21	21	21	21	22	24
29	21	21	21	23	24	26	27	28	28	36	32	32	****	28	25	22	22	21	21	22	22	23	21	21	25
30	23	24	23	23	23	24	23	23	21	21	21	21	21	21	20	21	21	21	23	19	19	19	19	19	21
31	21	21	21	21	21	21	22	22	22	22	21	20	19	19	19	19	20	20	20	20	20	21	21	22	21
MEAN	23	23	24	24	25	25	26	26	24	23	22	21	21	21	20	20	20	20	21	20	21	22	22	22	22.3

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 14.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	20	19	20	20	21	21	21	20	21	21	21	20	20	21	21	20	21	22	21	23	26	25	25	21
2	25	29	22	20	20	20	21	24	25	24	22	22	22	21	22	22	22	20	21	22	23	24	23	23	22
3	22	21	21	20	20	23	27	24	24	23	23	22	22	22	21	21	21	21	21	21	22	23	26	26	22
4	30	35	34	28	23	22	22	22	23	22	21	21	21	21	21	21	20	20	21	21	21	22	21	22	23
5	26	24	30	34	37	34	27	22	21	20	20	20	20	20	20	21	21	21	21	22	22	22	22	21	24
6	20	20	20	20	20	20	20	****	22	21	21	21	21	20	20	20	20	20	20	21	21	23	23	27	21
7	27	24	23	23	23	23	23	24	22	22	21	21	24	23	21	21	21	22	22	24	23	****	****	****	23
8	****	38	27	22	22	21	21	20	20	20	21	20	19	19	19	19	19	19	19	19	20	22	26	22	21
9	23	22	21	21	20	20	21	23	21	20	20	20	20	20	20	21	21	20	19	19	20	20	20	20	21
10	21	21	20	20	20	20	20	21	20	20	20	20	19	19	19	19	19	19	19	19	20	23	24	24	20
11	25	24	22	22	22	28	30	26	24	21	20	20	19	19	19	20	20	20	20	20	21	22	26	31	23
12	25	25	26	29	29	29	32	29	26	27	25	21	21	21	20	20	20	21	20	19	20	21	21	20	23
13	20	20	21	21	21	24	26	24	22	22	21	21	21	21	21	20	20	20	20	21	22	21	21	21	21
14	22	23	23	22	22	24	24	26	27	23	21	23	24	21	20	20	23	24	22	22	27	32	33	28	24
15	28	28	30	30	32	33	33	27	23	22	22	21	20	20	20	20	19	19	19	19	19	19	19	19	23
16	19	19	19	19	20	21	22	22	20	20	20	19	19	19	19	19	19	19	19	20	20	21	23	22	20
17	22	22	22	23	24	25	22	22	24	23	20	20	19	19	20	20	20	20	19	19	18	19	22	26	21
18	23	23	26	27	25	23	28	28	25	26	22	21	20	20	20	21	21	21	22	21	19	20	20	20	23
19	21	21	22	22	22	21	21	21	21	20	21	20	20	20	20	20	20	20	19	19	19	18	18	18	20
20	18	18	18	19	19	20	20	****	21	21	21	21	21	21	21	21	20	20	20	19	20	21	21	21	20
21	21	21	22	22	22	23	24	24	23	22	20	19	19	20	20	20	20	19	19	19	19	20	20	21	21
22	21	21	21	21	23	24	22	22	21	22	21	19	19	19	18	18	18	18	18	18	18	18	18	19	20
23	19	19	20	21	21	22	21	21	21	20	20	19	19	19	18	18	18	18	18	19	20	20	20	19	20
24	20	21	21	21	22	24	23	27	23	21	19	18	18	17	17	18	18	19	18	18	18	20	19	19	20
25	19	19	18	18	19	18	17	16	18	18	18	18	18	18	18	****	****	****	****	****	****	****	****	****	******
26												- DATA INVALID -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	22	23	23	23	23	23	24	23	22	22	21	20	20	20	20	20	20	20	20	20	21	22	22	22	21.5

PERCENTAGE OF DATA VALID - 81.3 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 15.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	20	20	21	22	22	21	21	22	22	23	23	23	23	23	23	******
8	24	24	25	24	24	24	29	33	26	26	26	25	26	25	24	24	24	24	25	23	23	23	24	27	25
9	29	33	30	31	35	38	33	29	26	25	24	25	25	25	24	24	24	24	25	23	23	23	26	30	27	27
10	27	27	27	26	26	29	29	29	24	23	24	23	22	23	22	22	22	22	22	22	23	21	22	25	24
11	28	29	30	30	26	27	27	28	31	29	26	26	22	22	22	21	21	21	22	22	23	21	21	23	25
12	24	23	23	23	23	23	23	22	22	22	22	23	22	21	21	21	21	21	21	22	22	22	22	22	22
13	23	26	25	25	25	25	25	25	24	23	23	23	23	23	23	23	23	23	23	23	23	22	22	22	24
14	22	23	26	28	32	36	28	24	22	22	22	21	22	22	21	21	21	21	21	21	21	21	21	22	23
15	22	22	22	22	24	26	24	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	23
16	22	23	29	28	27	26	28	28	****	****	****	****	21	22	22	22	21	21	22	23	22	21	21	21	24
17	21	22	23	26	24	23	25	24	23	22	21	21	21	21	21	21	21	21	21	21	23	23	24	22	22
18	22	22	23	24	27	29	32	28	24	22	****	23	23	23	22	22	22	22	22	22	22	22	22	23	24
19	22	22	24	25	23	23	24	26	26	25	24	22	22	22	22	23	21	22	22	23	25	27	27	27	24
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21	21	22	24	23	22	22	22	27	23	21	21	21	22	22	21	22	23	25	22	23	24	25	22	22	23
22	23	24	27	27	26	26	24	24	****	23	22	21	21	21	22	22	21	21	20	20	20	21	22	24	23
23	26	24	24	23	24	25	23	23	23	22	21	21	21	21	21	20	20	20	21	21	21	21	22	26	22
24	30	31	32	30	34	42	46	38	29	28	27	25	24	22	23	22	21	20	20	20	20	21	23	23	27
25	23	23	23	25	27	29	31	29	25	22	21	20	26	25	27	32	34	34	33	26	24	23	24	27	27
26	25	26	26	30	33	32	34	33	25	23	23	23	24	23	22	22	23	22	22	22	22	21	21	21	25
27	21	21	21	21	22	22	23	22	22	22	22	22	23	22	22	21	21	22	23	22	24	24	23	22	22
28	22	22	23	22	21	23	23	24	25	25	26	25	25	24	24	23	23	22	22	22	22	23	24	29	24
29	28	30	28	25	26	26	27	27	26	27	26	23	23	22	22	22	21	21	21	22	23	23	26	33	25
30	30	28	24	23	23	22	23	24	25	****	****	21	21	21	21	21	21	21	21	21	23	26	26	23	23
31	22	22	22	21	21	21	21	21	22	22	22	21	22	22	21	23	22	22	22	22	24	25	22	22	22
MEAN	24	25	25	25	26	27	27	26	25	23	23	23	23	22	22	22	22	22	22	22	23	23	23	24	23.8

PERCENTAGE OF DATA VALID - 78.4 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 20.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	22	22	22	22	23	23	23	22	22	21	21	21	21	21	21	21	21	23	28	30	32	23
2	32	31	41	48	37	31	30	27	29	26	23	20	20	20	21	21	21	22	23	22	21	21	23	23	26
3	25	24	22	21	21	21	21	21	24	22	21	20	20	20	20	20	20	20	20	21	21	20	20	20	21
4	21	22	22	22	24	25	24	22	21	20	20	20	20	20	20	19	19	19	20	20	20	20	20	21	21
5	21	21	21	21	21	21	22	22	22	23	21	21	20	20	20	20	20	20	21	20	21	22	22	22	21
6	24	24	23	25	27	27	29	29	27	24	23	23	23	22	22	21	21	21	21	22	22	24	23	22	24
7	24	22	23	22	21	22	22	23	24	22	21	21	22	21	21	21	20	20	20	20	21	22	28	28	22
8	34	33	32	34	32	30	30	29	24	22	22	22	23	22	22	21	21	19	19	19	20	21	21	21	25
9	21	21	21	22	22	23	23	24	25	22	21	20	21	21	20	20	19	20	20	20	20	20	20	20	21
10	21	21	21	22	21	21	21	21	20	20	21	21	20	20	20	20	20	20	20	20	21	21	20	20	21
11	20	20	21	21	22	22	21	23	22	21	21	22	21	21	21	22	22	22	22	22	21	21	21	22	21
12	21	21	21	21	21	21	22	22	21	21	21	20	20	20	21	21	21	20	20	20	21	23	24	26	21
13	27	27	25	25	25	25	27	25	22	23	23	23	21	21	21	22	21	21	21	21	21	21	22	22	23
14	23	22	22	22	21	20	23	23	22	23	22	22	22	22	22	22	22	22	23	23	22	22	22	22	22
15	22	22	22	22	23	24	24	24	23	22	22	22	22	21	21	22	22	21	22	22	22	22	22	22	22
16	23	23	23	24	23	23	23	23	23	23	22	22	22	22	22	21	21	21	21	21	21	22	22	22	22
17	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	22
18	24	24	24	24	24	25	28	29	26	24	****	24	24	23	22	21	21	20	20	22	22	24	25	24	24
19	24	25	23	24	25	27	28	31	26	26	23	21	22	22	22	22	22	22	22	22	22	22	22	22	24
20	24	20	25	22	22	23	26	28	27	22	22	24	23	22	21	21	21	20	20	20	21	22	21	22	22
21	24	23	23	23	23	22	22	****	21	21	21	22	21	21	****	21	20	21	21	20	21	22	27	28	22
22	24	24	23	23	23	23	23	23	23	22	21	21	21	21	21	21	21	21	21	22	23	26	26	25	23
23	25	24	24	26	26	26	24	24	23	22	22	22	22	21	21	21	21	22	22	23	23	23	26	26	23
24	29	28	29	35	31	30	30	29	27	25	24	22	22	21	21	21	22	22	21	22	24	25	27	28	26
25	25	27	32	37	39	37	40	****	****	24	24	22	22	22	21	21	21	24	21	21	21	21	21	22	26
26	23	22	22	22	27	32	33	35	32	26	24	22	21	22	22	21	21	21	21	22	24	24	24	24	24
27	25	27	27	32	32	35	37	38	****	26	24	22	23	22	22	22	22	26	30	24	23	27	28	31	27
28	33	28	25	24	23	24	24	22	22	23	23	22	22	22	22	21	21	21	21	22	22	22	22	22	23
29	22	22	21	22	23	24	26	27	****	23	23	22	22	21	21	21	21	21	21	22	22	23	23	22	23
30	21	23	26	27	27	25	24	25	26	27	23	21	22	22	22	22	21	21	21	22	22	22	23	24	23
31	23	24	24	24	24	27	24	25	26	24	24	24	22	22	21	21	22	25	23	24	23	22	22	22	23
MEAN	24	24	24	25	25	25	26	25	24	23	22	22	22	21	21	21	21	21	21	21	22	23	23	24	23.0

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3	****	****	****	****	****	****	****	****	****	****	21	21	20	20	21	21	21	21	24	24	22	23	22	22	******
4	23	26	28	27	26	26	25	22	22	22	22	22	22	22	****	****	21	21	21	22	22	22	25	24	23
5	25	27	24	24	25	26	26	26	26	22	21	21	21	20	21	21	22	22	22	23	30	31	26	32	24
6	32	32	31	28	27	27	27	27	26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	32	26	24	24	23	23	23	23	23	24	******
9	23	23	23	24	24	28	37	30	25	23	22	21	21	22	22	21	20	19	19	20	21	****	****	****	23
10	****	****	****	****	****	****	****	****	****	****	****	23	24	23	22	22	22	22	22	23	23	24	****	****	******
11	****	****	****	****	****	****	****	****	****	31	28	24	24	24	25	25	25	25	27	26	26	24	25	27	******
12	26	26	27	27	25	25	29	30	26	24	24	23	25	25	24	25	25	24	24	24	23	23	22	22	25
13	23	21	21	21	22	23	23	23	24	25	24	23	24	24	23	23	22	22	****	****	****	--	****	****	23
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	23	23	25	25	25	28	26	25	26	26	26	26	26	26	******
20	27	26	28	31	27	27	28	30	28	28	28	27	27	27	27	27	26	26	28	29	29	29	29	28	28
21	29	30	28	26	25	25	25	25	25	26	26	25	25	25	25	26	26	26	28	28	27	27	26	25	26
22	25	25	27	27	26	26	26	27	27	27	30	32	29	25	24	24	24	25	22	****	****	****	****	****	26
23	****	****	****	****	****	****	****	****	****	****	****	23	29	24	22	21	21	21	21	21	21	23	23	23	******
24	23	23	23	23	22	22	23	27	22	21	20	20	20	20	20	20	20	20	21	23	23	22	22	23	22
25	22	22	23	27	25	26	29	30	26	26	23	22	23	23	25	24	22	22	22	22	22	22	21	21	24
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30	23	24	25	25	25	26	27	28	29	26	27	26	22	21	21	21	21	21	21	21	22	22	22	22	24
MEAN	25	25	25	25	25	25	27	27	26	24	23	23	23	23	23	23	23	22	23	23	24	24	24	25	24.1

PERCENTAGE OF DATA VALID - 60.0 PERCENTAGE OF DATA INVALID - 40.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	23	23	22	22	22	21	21	21	21	21	21	20	22	21	21	23	22	22	21	21	21	22
2	20	20	22	23	23	21	22	22	22	22	21	20	21	21	21	21	21	22	23	28	35	30	25	22	23
3	23	24	25	23	23	24	25	****	23	23	21	21	22	22	22	21	21	21	21	21	21	21	21	21	22
4	21	21	21	21	21	21	21	22	22	22	22	22	21	21	21	21	21	22	22	22	22	22	22	22	22
5	23	22	22	22	22	23	23	23	27	29	23	32	24	22	22	22	22	22	22	22	22	23	22	22	23
6	22	22	22	24	26	27	26	24	24	41	21	21	21	21	21	22	24	24	25	23	23	23	25	27	24
7	27	29	32	34	35	35	36	38	40	34	31	27	23	22	21	21	21	21	23	23	22	23	24	31	28
8	37	26	25	24	22	24	24	25	22	23	23	22	23	23	23	23	23	23	24	25	26	23	22	21	24
9	22	22	21	22	22	23	24	****	20	20	20	21	22	21	22	22	22	22	22	22	22	22	22	22	20
10	21	21	21	25	31	34	29	29	26	23	20	21	22	21	21	22	22	22	21	22	23	23	22	24	24
11	28	26	24	26	26	24	23	23	23	22	23	23	22	21	21	22	22	21	22	22	22	22	22	21	23
12	22	22	22	22	21	22	22	22	21	22	22	22	22	22	22	22	22	22	22	23	24	24	25	25	22
13	24	24	24	24	24	25	25	26	25	24	23	22	23	22	22	23	23	22	22	23	26	26	26	25	24
14	26	28	28	30	25	25	29	37	33	30	25	23	22	22	21	22	21	21	22	21	21	21	21	22	25
15	22	21	21	21	21	22	23	22	****	22	22	22	23	22	22	22	22	21	21	22	21	21	21	21	22
16	21	21	21	21	22	22	24	23	24	25	25	26	23	23	25	25	25	27	27	24	24	23	22	21	24
17	20	20	20	20	20	20	21	20	19	19	19	19	20	20	20	20	20	20	20	20	19	21	21	22	20
18	21	21	21	22	21	22	22	22	22	22	21	21	21	20	20	20	20	21	22	24	24	23	23	23	22
19	23	22	22	23	23	23	22	22	22	23	21	21	21	21	21	21	21	22	23	23	22	22	23	24	22
20	23	23	24	23	23	22	22	22	23	23	22	22	22	22	21	21	21	21	22	23	25	27	23	24	23
21	24	24	23	****	****	****	****	****	21	21	21	21	20	19	19	19	20	21	23	22	21	21	21	22	21
22	22	24	29	32	32	34	38	37	36	29	****	21	21	21	21	21	21	21	21	21	21	21	22	23	26
23	22	22	22	22	22	22	22	****	22	22	22	22	22	22	****	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	****	22	22	22	22	22	22	22	22	22	22	21	22	22	22	******
25	21	21	22	23	22	22	22	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	21	21	22
26	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	21	21	21	21	21	21	22	22	22	21
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28	27	24	24	23	24	24	23	23	22	22	21	21	22	****	21	21	22	22	22	25	27	28	25	24	23
29	23	24	24	25	26	27	27	29	29	30	26	24	22	22	22	23	23	25	24	25	25	26	31	35	26
30	40	32	31	36	41	42	43	45	50	****	****	****	****	****	****	****	20	21	21	21	21	21	22	24	31
31	24	23	23	22	22	22	24	25	25	****	20	20	18	18	17	17	17	17	17	17	20	21	21	21	20
MEAN	24	23	23	24	24	25	25	26	25	24	22	22	22	21	21	21	22	22	22	22	23	23	23	23	23.1

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 5.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	22	21	19	20	21	20	19	19	19	18	17	18	18	17	18	18	19	19	19	18	18	18	19	19
2	17	18	18	18	18	17	18	19	19	19	18	17	17	17	17	17	17	17	19	19	18	18	18	19	18
3	19	19	19	19	19	19	19	20	20	19	19	18	18	18	18	17	16	16	17	18	19	18	17	17	18
4	17	17	17	18	18	18	19	18	19	****	****	****	-	-	-	-	-	-	-	-	-	-	-	-	******
5													- DATA INVALID -												
6													- DATA INVALID -												
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	19	19	20	20	21	21	******
11	22	22	22	22	22	22	22	23	24	24	24	24	24	24	24	24	26	25	25	24	25	26	27	29	24
12	33	36	30	30	36	36	35	33	32	29	28	28	34	31	25	27	27	27	26	25	24	25	25	25	30
13	25	24	23	25	27	30	29	27	26	25	25	26	28	27	27	26	28	27	26	26	27	28	27	26	26
14	27	27	27	26	26	27	26	26	26	26	26	26	25	25	24	24	25	25	25	25	25	25	26	25	26
15	25	25	26	26	28	26	25	24	24	24	24	24	25	24	24	24	24	24	25	25	25	25	25	24	25
16	25	26	26	28	27	26	27	29	30	29	25	25	24	23	23	23	23	24	26	28	27	26	27	28	26
17	32	29	28	27	38	43	40	33	28	****	****	20	20	20	20	20	20	21	21	21	22	21	21	21	26
18	23	23	23	22	22	21	20	20	21	20	20	20	21	21	21	21	20	21	21	20	20	22	23	30	22
19	26	24	23	27	27	27	27	23	27	25	23	21	20	20	19	20	21	22	28	31	33	29	25	28	25
20	28	28	28	28	24	24	28	29	27	22	22	22	21	21	19	19	19	20	19	19	19	21	21	21	23
21	22	21	21	20	20	20	20	21	21	****	18	19	20	20	21	21	21	20	21	21	21	21	21	23	21
22	26	26	27	31	31	28	22	22	22	23	20	21	20	19	18	18	18	18	18	18	18	19	20	19	22
23	20	20	19	19	19	19	18	19	19	22	22	20	20	21	21	22	19	19	19	19	20	19	22	22	20
24	21	21	20	22	21	21	21	22	22	23	22	21	22	21	20	20	20	20	20	19	19	19	19	18	21
25	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	18	18	19	19	21	24	29	41	46	21
26	42	35	27	26	30	36	35	47	38	40	28	23	19	19	19	18	18	19	20	20	21	21	21	****	27
27	****	****	****	****	****	****	****	****	****	22	22	22	22	22	23	23	23	23	21	21	21	22	23	23	******
28	22	22	22	22	22	22	23	24	23	24	23	23	22	22	22	22	23	24	24	23	24	25	24	23	23
29	23	22	22	23	23	23	23	23	24	24	23	22	21	21	21	21	21	21	21	22	22	23	24	24	22
30	24	24	23	23	24	24	22	22	22	22	22	21	21	20	19	20	21	22	25	25	25	23	22	23	22
MEAN	24	24	23	23	24	25	24	24	24	24	22	22	22	21	21	21	21	21	22	22	22	23	23	24	22.8

PERCENTAGE OF DATA VALID - 76.9 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 17.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	23	25	27	27	29	34	33	36	28	26	26	26	23	27	25	25	25	24	24	24	24	26
2	24	23	22	22	22	21	21	22	23	23	22	27	23	22	21	21	21	21	21	21	21	21	21	21	22
3	21	21	21	21	21	21	22	22	23	24	24	24	22	23	22	22	22	23	23	23	22	22	21	21	22
4	22	22	22	24	24	23	25	25	****	****	22	21	20	20	20	20	20	21	21	21	21	20	20	21	22
5	21	21	22	22	21	21	21	21	21	21	21	21	23	22	****	23	23	25	23	23	23	23	22	22	22
6	23	23	24	23	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	21	21	21	20	21	22	24	25	25	24	24	26	27	23	20	******
10	20	20	20	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	20	20
11	20	20	20	20	20	20	21	21	****	21	20	20	20	22	20	20	20	21	21	21	21	21	21	21	21
12	20	21	21	24	23	21	19	19	20	20	19	21	21	21	20	22	24	24	24	23	23	21	22	22	21
13	26	26	26	24	23	20	20	20	19	19	19	19	18	18	18	18	19	18	19	22	22	22	21	21	21
14	21	21	20	20	20	19	19	19	20	20	19	19	18	18	17	17	17	17	18	20	20	21	20	21	19
15	23	22	22	21	20	20	21	21	21	26	25	23	22	22	21	21	22	23	23	25	23	23	24	24	22
16	24	24	24	23	22	22	23	23	23	23	24	21	21	22	21	22	22	22	22	22	22	22	22	22	22
17	22	22	22	22	22	23	28	37	38	30	****	****	22	22	23	24	23	23	23	22	23	23	24	24	25
18	23	23	24	25	25	27	28	24	23	22	25	22	22	22	21	22	22	23	23	22	22	23	22	22	23
19	22	22	22	22	22	22	21	22	21	22	22	21	22	22	21	21	21	22	22	22	22	22	22	22	22
20	23	23	23	23	23	23	23	23	24	24	23	23	21	21	21	20	21	21	22	23	23	23	23	24	23
21	24	24	24	24	25	25	26	27	27	26	25	23	23	23	22	22	23	23	25	26	31	31	27	33	25
22	28	30	32	25	24	28	24	25	25	21	20	19	20	20	21	21	21	21	22	22	22	22	23	23	23
23	23	23	25	25	23	23	23	23	****	23	23	23	25	24	24	23	23	23	23	24	25	26	26	23	24
24	25	26	26	26	27	28	26	25	23	23	23	22	23	22	22	22	22	23	22	22	22	22	22	23	24
25	23	24	25	24	25	25	25	24	23	23	23	22	20	19	20	21	20	21	21	22	22	22	22	22	22
26	23	23	23	23	23	22	22	22	22	22	22	21	21	22	22	22	22	23	23	24	24	23	24	24	23
27	24	24	27	29	29	28	29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	23	23	23	23	23	23	23	23	24	23	23	22	21	21	21	21	22	22	22	23	23	23	22	23	22.5

PERCENTAGE OF DATA VALID - 73.7 PERCENTAGE OF DATA INVALID - 26.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	21.9	30	67
FEB	8	20.9	22	27
MAR	29	20.0	23	35
APR	20	19.6	22	33
MAY	26	22.3	29	46
JUN	24	21.5	24	38
JUL	24	23.6	27	46
AUG	31	23.0	27	48
SEP	15	24.1	28	38
OCT	29	23.1	31	50
NOV	22	22.8	30	47
DEC	22	22.5	26	38
YEAR	271	22.2	31	67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	0	105	400	10	2	0	0	0	517
FEB	0	51	167	0	0	0	0	0	218
MAR	0	354	345	2	0	0	0	0	701
APR	0	286	218	1	0	0	0	0	505
MAY	0	74	517	36	0	0	0	0	627
JUN	0	121	451	13	0	0	0	0	585
JUL	0	0	556	27	0	0	0	0	583
AUG	0	7	699	31	0	0	0	0	737
SEP	0	2	417	13	0	0	0	0	432
OCT	0	16	654	35	0	0	0	0	705
NOV	0	137	390	27	0	0	0	0	554
DEC	0	30	509	9	0	0	0	0	548
YEAR	0	1183	5323	204	2	0	0	0	6712

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76.4	16	18.2	19.9	21.0	22.3	25.6	27.9	32.2	35.4	67	22.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	16	17	18	19	18	18	19	18	18	19	19	19	18	19	18	17	16	16	16	16	17	16	18
2	16	15	15	16	16	17	17	17	18	18	18	17	15	14	15	15	14	13	14	13	13	13	13	13	15
3	13	13	13	13	13	13	13	14	14	14	14	13	14	14	****	****	19	17	16	17	17	16	15	16	15
4	16	15	15	15	15	16	18	21	22	17	17	18	16	****	****	****	18	19	18	19	18	18	18	17	17
5	16	16	17	16	****	16	15	15	16	16	16	16	16	16	17	17	17	17	16	18	20	18	17	16	17
6	17	18	20	31	25	29	25	22	21	21	21	20	19	17	16	16	16	17	17	18	17	16	16	16	20
7	17	17	21	24	22	15	15	15	16	16	16	16	16	16	16	16	16	17	17	17	16	16	16	17	17
8	17	16	17	17	17	17	17	17	18	18	18	18	18	****	17	18	18	18	19	18	18	18	18	19	18
9	19	18	18	18	19	19	19	20	21	20	20	19	19	19	19	19	19	19	19	20	20	21	21	25	20
10	22	22	23	24	20	22	21	21	22	20	19	19	20	19	19	18	19	19	18	18	20	21	19	17	20
11	17	17	16	16	18	17	16	17	16	19	22	24	27	21	18	14	14	14	14	14	14	14	14	14	17
12	14	14	15	15	15	15	16	16	16	16	16	17	17	17	17	17	17	17	18	20	21	20	18	19	17
13	20	20	19	18	17	18	18	17	19	19	19	18	18	17	17	17	16	16	18	19	19	19	18	19	18
14	24	17	20	20	20	20	18	18	17	17	16	16	17	17	15	16	16	16	16	16	15	15	16	17	17
15	16	15	15	15	15	15	16	17	16	16	16	15	15	15	15	15	17	17	17	18	17	17	19	18	16
16	16	15	15	17	16	16	16	16	17	16	17	16	17	16	16	16	16	****	16	16	16	18	20	21	17
17	20	17	17	17	16	16	15	16	****	22	23	28	36	27	21	20	21	21	21	20	20	20	21	21	21
18	21	21	21	21	21	22	22	23	23	22	21	21	21	20	21	21	22	21	22	22	21	22	21	21	21
19	21	21	21	21	22	22	22	23	23	23	22	22	21	21	21	21	21	21	21	20	20	20	20	20	21
20	20	21	21	21	21	21	21	21	21	21	20	20	20	20	21	20	20	22	22	23	22	22	22	22	21
21	21	21	22	22	22	22	23	23	25	23	22	22	22	22	21	21	21	22	25	34	31	22	21	21	23
22	20	23	26	26	24	25	26	20	20	20	20	20	****	****	19	19	19	19	19	18	18	18	18	18	21
23	18	18	18	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	19	20	20	19
24	21	21	21	21	21	21	22	23	22	20	21	21	20	20	21	21	21	21	22	23	24	24	23	21	22
25	20	23	21	20	20	20	20	21	21	21	20	21	20	19	19	18	18	19	20	21	23	22	24	23	21
26	23	22	22	21	21	22	21	22	24	23	22	20	19	19	19	19	19	19	20	19	20	21	27	25	21
27	30	26	25	28	23	24	26	25	26	25	24	22	20	19	20	20	19	19	20	20	20	20	20	19	23
28	19	20	20	21	21	21	22	22	23	22	22	22	21	22	21	21	21	22	23	23	24	23	23	22	22
29	21	21	21	21	21	22	21	20	20	20	19	19	19	19	19	19	19	19	20	20	20	21	21	22	20
30	22	22	21	21	21	20	20	21	21	21	20	20	20	20	21	21	21	23	23	-	20	20	21	21	21
31	22	22	21	22	21	21	22	23	24	24	8	12	17	16	16	16	16	16	16	16	16	16	20	18	18
MEAN	19	19	19	20	19	19	19	19	20	20	19	19	19	19	18	18	18	19	19	19	19	19	19	19	19.1

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	18	19	19	19	19	20	20	19	19	18	19	19	18	19	18	18	18	18	19	20	20	21	19
2	21	19	19	21	21	19	19	19	19	18	19	18	17	17	16	17	16	18	17	17	19	18	18	19	18
3	21	22	20	21	19	19	19	19	19	19	19	18	18	17	17	18	18	18	17	17	17	17	17	17	18
4	16	16	16	16	15	15	15	15	16	16	16	15	15	14	15	14	14	15	15	15	17	21	19	24	16
5	22	19	19	20	22	25	22	25	29	29	21	19	19	18	21	21	-	-	21	20	19	19	19	18	21
6	19	17	17	17	17	16	16	17	17	17	16	16	16	15	16	26	19	16	16	17	15	14	14	14	17
7	15	16	16	16	17	15	16	15	15	****	14	****	28	****	****	****	****	****	****	****	****	****	****	****	******
8													- DATA INVALID -												
9													- DATA INVALID -												
10													- DATA INVALID -												
11	****	****	****	****	****	****	****	****	****	****	****	23	23	15	16	16	17	16	17	17	17	20	19	19	******
12	19	19	20	19	19	20	20	21	21	20	19	19	17	17	17	17	19	18	18	18	18	19	19	19	19
13	19	20	20	21	21	21	20	21	20	20	20	24	23	24	26	26	24	27	31	29	21	19	18	18	22
14	17	18	18	18	19	18	17	18	17	17	17	16	16	16	****	18	18	19	20	20	20	20	21	19	18
15	20	19	20	20	20	20	20	22	21	21	20	20	19	19	19	****	18	19	****	19	19	19	****	22	20
16	19	22	18	17	17	16	16	16	17	16	16	16	16	16	16	16	16	17	17	17	18	17	18	17	17
17	17	17	17	18	19	19	19	20	20	20	19	19	18	18	18	18	18	18	18	18	18	20	20	21	19
18	20	21	21	21	25	32	25	27	23	27	26	27	25	27	28	28	30	27	26	28	31	31	32	31	27
19	30	31	42	35	35	34	32	25	25	34	27	26	22	26	26	22	23	24	21	23	25	20	20	21	27
20	19	20	20	26	30	23	24	25	27	36	28	25	29	33	25	24	25	25	27	30	30	25	20	19	26
21	18	18	17	17	17	17	17	17	17	17	17	16	17	17	18	17	18	18	21	20	18	17	17	17	18
22	17	17	17	16	16	15	16	17	17	17	17	****	****	26	****	23	22	22	22	22	22	22	23	24	23
23	23	23	23	22	22	22	23	23	23	23	24	24	23	24	25	25	25	25	28	28	28	27	25	25	24
24	24	23	23	24	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	23
25	22	22	23	24	22	22	23	23	24	22	22	22	22	22	22	22	22	22	22	23	23	23	24	23	23
26	23	24	24	24	24	24	24	25	25	25	25	24	24	24	23	23	23	23	23	24	27	25	24	24	24
27	24	23	23	22	22	23	****	23	23	21	21	21	21	20	19	19	19	19	19	19	20	20	20	20	21
28	20	20	20	20	20	20	20	20	21	21	20	20	20	19	19	20	20	19	19	19	19	19	19	20	20
29	19	20	20	21	21	21	22	23	23	****	****	20	19	19	19	19	19	19	20	20	20	20	20	20	20
MEAN	20	20	20	21	21	21	20	21	21	22	20	20	20	20	20	21	20	20	21	21	21	21	20	21	20.5

PERCENTAGE OF DATA VALID - 84.5 PERCENTAGE OF DATA INVALID - 15.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	21	21	22	21	20	20	20	19	19	19	19	18	18	18	18	18	17	18	18	18	19	19	19
2	19	18	19	19	18	19	18	20	19	19	18	18	17	17	17	17	18	17	17	18	18	19	20	19	18
3	19	19	19	19	19	19	18	19	19	18	22	25	22	20	22	20	****	21	21	22	22	18	18	21	20
4	20	17	19	20	19	17	17	18	17	16	17	17	19	23	20	19	18	18	18	18	18	19	23	20	19
5	22	18	17	20	17	17	17	19	20	19	****	17	16	16	16	16	16	17	17	17	18	18	18	18	18
6	19	19	20	19	19	19	20	20	19	19	19	21	21	20	21	****	****	****	20	24	21	23	22	25	20
7	22	20	20	19	20	22	20	22	21	22	22	23	19	20	20	19	19	19	20	19	17	17	17	17	20
8	17	17	17	17	17	17	17	17	17	18	18	17	16	16	16	16	16	16	16	16	16	18	20	21	17
9	19	19	21	21	19	19	19	20	24	19	20	20	18	17	17	17	17	23	26	29	26	23	25	20	21
10	24	17	20	22	29	30	26	32	32	29	31	26	25	25	26	22	15	14	13	13	13	14	14	14	22
11	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	15
12	16	16	16	16	16	16	16	16	17	16	16	16	16	****	17	17	18	18	18	18	18	18	18	17	17
13	17	17	17	16	16	16	16	17	17	16	16	****	17	17	17	18	18	19	19	20	20	19	19	24	18
14	21	19	18	18	18	18	18	18	18	18	17	18	17	17	17	18	18	17	17	18	18	18	16	18	18
15	18	18	19	19	19	19	20	19	19	19	18	18	19	18	18	18	18	18	19	19	18	18	19	19	19
16	18	19	19	18	18	19	19	19	20	20	20	20	20	20	21	20	20	21	20	20	22	21	20	20	20
17	24	26	23	25	31	28	20	21	21	19	18	20	19	28	27	17	17	17	17	17	17	17	18	18	21
18	17	17	17	17	17	18	19	20	19	19	18	18	18	18	18	18	18	18	18	20	20	20	21	21	19
19	21	26	32	27	32	34	33	44	33	30	29	26	27	22	24	24	26	24	25	26	26	31	25	27	28
20	30	37	36	37	38	36	34	36	34	31	29	28	26	19	21	18	19	19	17	19	18	18	****	19	27
21	19	20	20	17	17	17	16	17	17	16	16	16	16	16	17	17	17	****	****	17	17	17	17	17	17
22	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	21	20	18
23	20	26	27	26	27	27	21	19	19	18	19	19	19	20	19	19	18	18	18	18	18	18	18	18	20
24	18	18	18	18	19	18	19	21	22	22	22	21	22	20	20	20	20	20	18	18	18	18	18	17	19
25	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	19	19	19	20	23	23	23	31	32	20
26	35	38	33	36	31	28	28	28	21	20	20	20	20	21	19	20	21	21	21	22	21	21	22	21	25
27	22	22	23	26	22	21	20	24	23	21	20	20	21	20	21	21	21	20	23	****	2	21	21	20	21
28	23	32	37	26	23	24	24	20	21	19	18	19	18	18	18	19	19	18	18	19	18	18	18	18	21
29	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
30	17	17	17	18	19	18	17	18	18	18	18	17	18	18	17	18	17	17	17	17	17	17	17	17	17
31	17	16	16	16	16	16	16	18	18	17	17	17	18	18	18	17	18	18	18	18	18	17	18	18	17
MEAN	20	20	21	21	21	21	20	21	20	19	20	20	19	19	19	18	18	18	19	19	18	19	20	20	19.6

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	17	18	18	18	18	19	19	19	19	21	****	****	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	24	26	25	27	27	25	24	24	****	17	15	15	14	15	15	14	14	14	14	13	14	19
3	13	13	14	16	16	18	17	18	15	14	****	18	-	18	17	17	15	16	15	15	14	12	11	11	15
4	8	8	9	9	9	12	29	19	19	15	11	10	9	8	8	8	8	8	8	9	9	9	9	9	11
5	9	9	8	9	9	9	9	9	8	8	8	7	6	6	6	7	7	8	9	9	8	8	10	9	8
6	10	9	13	12	12	12	16	11	19	20	21	16	10	8	8	8	11	9	9	10	9	9	8	7	12
7	6	6	6	6	7	7	8	8	8	10	10	10	7	6	5	5	6	6	6	7	7	6	7	7	7
8	7	8	8	7	7	6	5	5	5	5	5	6	7	8	7	6	6	7	8	****	****	****	18	-	7
9	19	18	18	20	19	19	23	27	22	20	22	19	19	20	19	19	20	22	25	23	21	25	19	19	21
10	16	15	22	22	19	19	24	19	16	16	15	15	15	15	15	14	15	14	14	****	17	16	17	17	17
11	17	17	17	17	17	18	18	17	18	18	18	18	19	20	20	21	20	19	22	22	21	20	20	19	19
12	18	18	18	18	18	18	20	21	25	27	30	20	19	18	17	17	17	17	17	17	17	17	17	16	16
13	17	17	17	17	17	18	19	18	17	17	17	17	16	16	15	15	15	15	15	15	16	16	16	16	16
14	16	15	15	16	15	15	16	16	17	15	15	15	16	16	16	16	17	16	17	23	35	15	15	17	17
15	20	20	21	26	23	25	21	22	22	22	21	21	20	19	19	18	18	18	18	18	17	17	****	16	20
16	16	17	17	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	25	20	21	22	22	19
17	22	23	22	24	24	23	23	26	29	25	24	****	18	****	****	****	25	27	25	26	****	24	19	18	24
18	23	41	34	54	35	22	20	19	16	15	****	27	19	20	21	21	22	22	24	26	29	32	29	40	27
19	50	38	45	39	46	42	40	30	34	27	23	23	23	22	24	25	26	32	39	52	49	38	37	29	35
20	25	27	27	37	28	27	24	22	22	21	20	20	20	20	20	19	19	19	19	19	20	21	22	21	22
21	23	21	22	22	22	27	26	22	18	17	18	20	22	22	13	14	13	14	14	18	47	-	40	60	23
22	57	63	54	35	30	26	37	37	27	24	26	26	24	-	-	-	-	-	-	-	-	13	-	10	******
23	10	9	8	8	7	6	6	5	5	5	5	4	3	3	3	3	3	3	3	3	4	3	3	3	5
24	3	3	3	3	3	2	2	-	2	1	2	****	****	44	24	12	13	13	13	13	13	14	13	13	10
25	13	13	13	13	13	14	14	14	14	14	13	14	14	13	14	14	15	16	16	24	16	14	17	17	15
26	16	17	17	23	22	22	16	14	14	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	14
27	11	11	11	11	11	11	11	11	11	11	12	11	11	11	11	11	11	11	13	11	11	11	11	11	11
28	11	11	11	12	12	13	14	14	13	36	15	16	16	17	17	17	16	17	16	16	16	16	16	16	16
29	15	17	16	16	16	16	16	17	16	16	15	15	14	13	15	15	15	16	16	16	16	16	16	19	16
30	16	18	19	21	16	15	17	18	18	14	14	14	14	14	15	15	14	14	14	-	15	14	15	16	16
MEAN	17	18	18	19	18	17	19	18	17	17	16	16	15	16	15	14	15	15	16	18	18	16	17	17	16.8

PERCENTAGE OF DATA VALID - 93.9 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	14	14	14	14	14	14	14	****	-	14	****	14	14	14	14	15	16	14
2	19	18	20	17	14	14	15	16	17	****	20	18	17	17	17	17	17	17	23	22	21	23	29	31	19
3	29	29	33	36	36	38	38	32	20	17	17	17	17	17	17	17	17	17	17	18	18	****	****	23	24
4	27	26	21	25	26	30	37	33	25	19	18	17	16	17	17	18	18	19	21	31	28	25	21	20	23
5	18	17	17	17	18	18	17	16	20	16	15	16	15	15	15	15	15	16	16	16	15	15	16	15	16
6	15	15	15	14	15	14	15	14	14	14	14	14	16	15	15	15	15	16	18	17	17	19	19	18	16
7	15	15	15	14	15	15	15	15	15	15	15	14	14	14	14	15	15	15	15	15	15	15	17	17	15
8	16	16	15	15	14	15	14	14	****	****	10	10	8	8	17	11	9	10	9	10	9	12	14	13	12
9	12	11	11	11	11	11	11	11	10	****	15	15	15	15	15	15	15	15	15	15	17	24	30	29	15
10	20	19	20	23	20	19	24	21	19	20	18	17	17	17	17	19	17	18	15	15	15	15	19	19	18
11	16	14	14	14	13	17	22	17	14	14	14	13	13	13	13	13	14	13	13	14	****	18	18	20	15
12	22	16	15	13	16	15	15	15	14	13	13	13	13	13	13	13	13	13	13	14	17	16	15	14	14
13	14	13	14	13	12	13	17	14	13	14	16	12	12	11	11	12	12	13	13	12	12	13	11	11	13
14	10	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	11	12	13	13	15	15	16	-	12
15	20	24	19	16	16	17	15	****	18	17	20	17	16	18	17	17	17	20	17	20	22	26	30	36	20
16	26	26	31	31	58	68	36	25	18	37	17	16	15	16	15	15	16	16	16	16	16	17	17	16	24
17	16	20	20	16	15	15	16	16	17	17	17	16	18	17	17	16	16	16	16	16	16	16	16	16	17
18	17	16	15	15	15	19	24	19	19	16	15	17	16	16	-	16	16	15	15	15	15	15	15	15	16
19	17	16	17	18	17	17	17	16	15	15	14	16	14	14	14	16	16	14	14	14	14	14	14	14	15
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22	21	22	23	40	40	31	25	21	18	17	16	15	15	16	15	18	16	18	20	18	23	29	24	20	22
23	22	26	32	38	43	52	44	31	20	18	16	16	17	16	17	21	17	17	18	17	17	17	20	21	24
24	26	25	20	19	20	23	21	18	17	16	16	15	15	15	15	15	14	14	15	14	15	19	16	15	17
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26	14	14	18	13	13	14	14	14	14	13	13	****	14	14	13	13	13	15	14	14	14	15	16	18	14
27	20	****	22	18	19	16	18	19	15	14	14	14	14	14	15	15	15	15	15	15	16	17	19	24	17
28	40	29	25	50	37	19	22	15	16	****	20	18	17	****	16	16	16	16	15	16	16	18	18	22	22
29	16	16	16	16	23	16	18	17	18	18	19	20	19	28	18	****	17	16	16	16	16	16	16	16	18
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31	20	18	26	19	19	30	29	26	20	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	17
MEAN	19	18	19	20	21	21	21	18	17	16	16	15	15	15	15	15	15	15	16	16	17	17	18	19	17.3

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	14	13	13	13	13	13	13	13	13	14	13	14	14	14	13	13	14	14	15	13
2	17	30	29	35	23	19	25	23	****	21	15	15	14	14	15	15	14	****	14	13	13	14	13	13	18
3	13	13	13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	15	18	16	12
4	15	13	12	12	12	12	11	11	11	11	11	11	11	****	21	14	14	14	14	15	16	19	19	20	14
5	16	14	18	26	28	27	34	21	18	****	****	14	****	14	14	15	15	14	15	15	15	16	16	15	18
6	15	15	15	15	15	16	17	19	16	17	16	18	17	20	16	15	14	14	15	15	16	15	15	15	16
7	15	17	17	16	15	16	15	18	17	17	17	17	17	19	15	15	16	20	25	29	24	19	14	13	18
8	13	14	14	13	13	13	13	****	18	14	14	14	14	14	14	14	14	14	14	15	16	19	16	15	14
9	14	16	17	31	19	17	16	15	15	14	14	15	15	14	14	15	15	14	14	15	15	****	15	15	16
10	14	14	17	15	14	14	14	15	15	15	14	14	15	14	20	14	15	14	****	17	17	20	18	16	15
11	16	16	17	18	24	22	22	****	****	****	****	****	17	17	16	16	16	17	17	17	18	17	18	19	**
12	20	21	20	21	22	27	30	28	****	****	****	22	20	21	17	17	17	18	18	19	21	-	-	21	21
13	21	-	-	24	33	29	24	25	23	-	-	-	22	22	20	22	19	19	****	****	23	21	20	19	23
14	20	24	28	29	****	****	****	****	****	****	37	31	21	21	24	22	22	24	28	23	24	28	39	51	28
15	26	****	34	30	31	31	20	19	19	18	18	17	18	17	19	18	18	18	18	18	18	18	19	19	21
16	20	19	20	20	21	20	21	20	19	19	****	19	20	19	****	19	20	19	20	20	23	24	25	29	21
17	24	26	26	23	23	26	31	25	24	23	21	21	21	21	20	21	21	22	24	26	33	37	25	24	25
18	24	25	26	32	24	29	30	26	24	21	21	21	23	20	20	20	20	20	20	21	22	22	21	22	23
19	21	22	21	24	22	22	23	24	24	26	27	23	25	37	20	11	11	11	16	10	9	9	9	9	19
20	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	13	15	20	18	17	11
21	16	16	15	16	13	13	13	13	13	12	12	12	12	11	13	13	15	15	12	14	22	31	36	42	17
22	49	42	43	45	47	53	58	43	24	16	15	14	14	13	15	15	16	14	13	15	16	15	14	13	26
23	15	15	37	42	46	47	50	37	20	17	17	16	13	12	13	13	13	15	14	18	25	23	18	16	23
24	14	16	15	15	17	14	17	17	17	28	33	27	18	15	****	19	-	20	18	17	18	16	24	36	20
25	46	45	22	20	27	48	44	36	21	15	16	15	15	14	16	14	16	18	18	****	28	30	35	31	26
26	26	21	20	25	24	24	21	25	20	16	15	14	13	13	13	13	14	14	17	14	15	16	12	12	17
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28	14	15	14	13	14	13	13	13	13	13	13	13	15	20	15	15	16	13	13	14	15	15	13	16	14
29	17	28	28	22	15	****	****	****	19	29	24	18	17	13	13	12	11	12	11	****	****	13	12	12	17
30	13	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	14	15	16	16	18	18	19	14
MEAN	19	19	20	21	21	22	22	20	17	17	17	16	16	16	16	15	15	16	16	17	18	19	19	20	18.2

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 4.9 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	46	21	16	17	17	23	40	44	21	16	14	14	14	14	15	15	15	15	20	18	19	18	15	15	20
2	14	11	11	11	11	11	11	11	11	12	11	11	****	****	14	14	14	15	16	15	15	16	19	19	13
3	18	19	19	23	25	24	23	19	17	15	15	15	15	15	15	16	16	17	20	25	32	23	41	33	21
4	56	48	43	45	25	26	27	33	21	22	27	****	20	18	17	21	18	16	18	18	17	17	20	24	26
5	24	20	20	19	26	37	26	26	25	16	26	14	13	14	14	14	14	14	14	14	14	13	14	14	19
6	14	13	14	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	15	15	16	19	22	25	15
7	19	20	19	18	18	20	45	43	26	22	18	17	16	16	16	16	17	19	16	17	20	15	17	16	20
8	21	16	14	13	13	15	14	15	14	14	13	13	29	16	16	****	****	17	17	18	20	25	24	24	17
9	25	24	25	24	26	27	25	20	19	19	19	19	21	21	19	19	20	19	19	22	24	27	32	39	23
10	40	35	27	29	27	25	48	37	23	19	22	27	26	26	22	22	22	22	25	26	25	28	34	28	28
11	28	29	31	26	24	39	25	23	23	23	12	15	16	19	22	23	24	24	26	26	26	26	29	27	24
12	25	28	25	23	23	24	22	22	24	22	23	26	26	27	26	25	25	25	24	25	25	27	24	27	25
13	26	27	26	25	25	27	24	21	22	22	22	23	24	27	26	27	27	28	30	32	35	41	53	36	26
14	33	39	30	30	31	43	52	57	45	31	27	29	32	32	36	31	21	18	16	18	20	23	18	15	30
15	18	23	24	29	29	30	27	18	16	13	15	14	14	13	16	18	16	18	16	14	14	22	13	12	18
16	****	****	****	****	****	****	****	****	****	14	14	14	16	15	15	14	16	20	****	33	23	20	20	20	******
17	21	21	22	22	23	23	23	23	23	22	22	23	24	24	23	24	24	24	25	25	26	26	28	29	24
18	30	31	31	32	30	30	31	31	25	25	29	29	27	31	30	27	24	27	27	25	25	26	25	27	28
19	28	28	24	22	22	26	49	33	24	23	23	23	23	24	23	25	23	27	24	25	26	28	29	27	26
20	33	58	35	27	27	29	34	22	23	22	21	22	23	22	23	25	25	30	32	31	40	43	28	23	29
21	21	23	25	27	21	21	27	21	21	20	20	19	20	20	20	20	20	20	21	21	21	22	22	22	21
22	20	21	21	29	25	32	23	20	20	22	19	19	19	19	18	18	18	18	19	19	19	1	1	2	18
23	2	2	2	2	2	2	2	2	2	****	****	****	1	2	1	17	17	17	17	18	19	21	26	33	10
24	30	24	26	45	38	32	28	22	19	21	22	19	19	18	18	18	18	18	19	20	23	21	24	31	43	25
25	51	26	26	22	36	41	21	19	21	23	19	18	18	18	18	18	18	19	21	24	26	28	26	24	22	24
26	29	22	21	22	23	23	25	23	21	22	21	21	19	20	20	20	20	20	20	20	24	23	22	21	22
27	21	19	18	18	18	18	18	18	19	20	19	20	21	20	20	19	19	20	20	19	20	21	20	19	19
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29	25	21	21	24	21	19	21	21	20	21	28	22	21	20	21	22	25	20	20	32	42	****	18	17	23
30	15	18	17	16	16	15	15	14	11	11	****	****	****	****	15	16	15	16	18	35	25	25	28	30	19
31	24	20	19	19	18	17	18	17	18	17	16	16	16	16	18	17	18	18	18	19	20	19	19	19	18
MEAN	26	24	22	23	23	25	26	24	20	19	20	19	20	19	19	20	19	20	21	22	23	23	24	24	21.9

PERCENTAGE OF DATA VALID - 96.2 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	22	17	19	18	17	17	17	17	17	21	19	17	18	18	18	17	18	19	20	21	21	22	23	19
2	19	21	19	21	19	22	****	24	34	22	21	20	19	19	19	21	21	16	17	16	17	18	17	18	20
3	19	22	25	22	21	18	19	16	15	15	15	14	14	15	15	15	15	15	18	18	18	17	17	19	17
4	19	18	19	19	19	19	22	17	17	17	16	16	15	15	15	15	15	15	16	17	16	16	17	17	17
5	16	17	17	18	18	18	23	21	23	****	18	18	18	19	19	17	19	24	17	20	18	19	16	16	19
6	16	16	16	16	16	18	23	20	18	16	15	14	15	14	17	20	21	18	21	22	24	30	43	44	21
7	23	33	29	21	26	19	17	25	19	19	22	20	19	21	24	26	26	-	36	31	32	34	35	35	26
8	32	34	34	34	35	33	34	33	29	30	29	32	29	32	30	29	30	30	31	32	35	33	32	31	32
9	****	30	31	30	29	29	29	28	27	27	28	28	29	29	29	30	30	30	31	31	31	31	41	30	30
10	31	29	28	27	27	27	27	26	26	26	27	27	26	27	26	26	26	27	27	27	26	27	27	27	27
11	26	27	26	25	25	27	27	26	26	20	17	17	18	****	16	16	****	17	14	13	12	12	12	12	20
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	14	14	13	13	15	12
13	15	20	22	23	23	24	19	35	****	22	16	14	15	14	16	17	17	19	18	20	17	17	17	18	19
14	16	15	26	17	15	15	15	16	16	15	14	14	13	13	14	14	15	14	15	17	15	15	14	13	15
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16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	18	14	15	14	15	14	14	15	14	14
17	15	15	16	15	16	16	15	15	16	17	15	17	17	18	20	19	18	17	18	18	20	19	16	17	17
18	15	16	16	16	16	16	21	29	22	17	16	16	****	14	15	15	14	15	18	20	22	22	19	17	18
19	15	17	18	18	18	17	16	17	16	15	16	18	20	18	17	21	18	18	17	21	21	22	23	24	18
20	27	22	28	27	19	15	22	25	20	39	18	17	20	21	17	16	16	****	****	****	****	****	****	****	22
21	****	****	****	****	****	****	****	****	25	22	21	19	19	18	20	20	21	20	21	22	24	26	19	19	21
22	18	17	16	17	16	16	17	17	16	17	16	17	17	17	17	17	17	17	17	17	18	17	18	18	17
23	19	18	18	17	17	18	17	17	18	17	16	16	16	16	16	16	17	16	17	17	18	18	18	20	17
24	24	22	24	23	20	23	22	18	19	25	33	21	19	19	18	18	18	17	18	21	23	37	27	23	22
25	21	21	29	26	26	29	27	45	29	24	19	18	18	25	19	20	22	22	21	35	27	31	36	29	26
26	36	37	28	38	25	41	38	-	21	20	19	18	17	19	22	20	20	23	22	25	31	29	34	35	27
27	26	29	30	32	34	35	30	30	25	23	****	****	18	17	19	17	18	21	29	27	17	16	18	20	24
28	17	16	16	16	16	16	16	16	16	16	17	17	20	17	18	18	18	22	19	20	18	17	17	17	17
29	17	16	17	16	17	17	17	23	19	19	18	20	17	19	21	20	20	20	21	19	19	22	29	21	19
30	19	21	22	24	22	17	19	21	32	24	23	21	20	17	17	*	*	18	19	19	22	21	25	21	22
31	28	19	21	19	19	19	20	18	18	18	18	18	20	21	19	19	18	18	16	19	32	35	33	31	22
MEAN	20	21	22	21	20	21	21	22	21	20	19	18	18	18	18	19	19	19	20	21	21	22	23	22	20.3

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	34	30	19	26	32	31	19	19	18	19	16	18	15	15	17	16	14	15	16	20	18	19	19	21
2	25	35	27	19	19	20	19	19	18	18	17	17	16	15	15	15	15	16	17	19	23	21	20	27	20
3	21	19	19	19	19	26	23	20	****	18	18	20	18	18	16	15	14	15	16	16	17	18	18	17	18
4	16	16	16	15	16	15	18	18	17	16	15	15	15	14	16	16	17	16	19	-	24	21	15	15	17
5	12	13	13	14	15	13	13	13	13	12	11	12	11	11	11	11	12	12	13	16	17	23	49	24	15
6	18	18	17	16	16	14	15	12	11	11	10	10	10	10	10	11	11	11	12	15	17	21	28	29	15
7	14	14	13	14	15	16	13	12	13	13	11	11	12	10	11	11	11	11	12	13	14	18	14	18	13
8	21	20	19	17	16	21	22	19	15	21	17	15	13	13	12	12	12	15	16	20	18	13	17	27	17
9	28	21	19	23	23	25	34	19	23	23	14	12	12	12	10	10	10	10	11	11	11	12	12	16	16
10	12	12	12	12	12	12	13	13	12	24	13	12	15	16	15	15	15	15	16	17	17	17	17	18	15
11	17	17	17	17	17	18	18	18	17	17	16	15	15	15	15	15	15	16	17	17	16	17	17	16	16
12	17	17	17	16	16	17	18	23	24	19	18	17	17	17	19	19	19	18	20	17	17	16	16	18	18
13	16	16	16	16	16	16	16	16	18	17	17	18	20	18	17	17	18	24	27	25	23	21	31	43	20
14	22	19	18	16	16	16	15	15	15	15	15	15	15	15	15	15	14	14	15	15	15	14	15	15	16
15	15	14	14	15	15	17	23	-	18	16	17	16	16	15	15	15	15	15	16	17	16	17	17	18	16
16	19	18	17	16	17	23	27	27	20	30	19	19	20	21	21	20	21	20	19	18	18	19	20	20	20
17	18	21	27	16	15	15	14	14	14	14	15	15	15	15	15	15	15	16	16	17	17	24	19	17	17
18	17	16	19	23	21	18	20	18	17	17	16	16	17	17	18	18	19	18	19	19	19	19	22	18	18
19	27	34	21	19	17	17	17	16	16	15	15	16	16	15	16	16	16	18	20	19	18	18	18	17	18
20	19	24	32	27	31	32	37	26	18	18	25	27	22	18	18	20	18	18	22	25	22	23	22	20	24
21	20	18	18	21	19	16	16	17	19	23	19	18	16	16	15	15	15	16	16	15	15	15	15	15	17
22	16	16	17	17	21	20	21	23	19	17	17	16	15	16	20	20	19	14	15	19	19	15	15	15	18
23	15	15	15	15	15	15	16	16	15	15	15	15	15	15	15	15	15	16	15	15	16	17	17	15	15
24	16	15	15	15	16	16	20	18	17	39	16	15	15	14	15	15	15	15	18	17	17	17	19	17	17
25	16	16	16	17	16	17	20	20	17	18	16	16	18	17	19	17	17	17	17	15	16	15	13	13	17
26	13	13	13	13	13	13	14	13	13	13	14	14	14	14	14	14	14	14	15	15	16	16	14	14	14
27	14	15	15	15	15	-	17	23	33	23	18	19	18	20	****	****	16	16	17	19	18	18	16	16	18
28	16	16	16	15	15	15	16	15	15	15	14	15	14	14	14	14	14	15	16	18	18	19	20	17	16
29	16	16	17	16	15	16	17	16	16	16	17	16	16	16	18	17	19	19	19	19	19	18	16	16	17
30	18	21	29	44	36	41	53	41	44	25	22	23	21	19	18	-	19	20	17	18	17	17	16	19	26
MEAN	18	19	18	18	18	19	21	19	18	19	16	16	16	15	15	15	16	16	17	17	18	18	19	19	17.5

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	58	32	24	29	30	29	26	28	22	21	20	19	19	****	23	23	27	29	23	17	17	17	16	25
2	16	16	16	17	16	18	17	17	17	16	16	15	16	16	16	-	16	17	22	29	29	29	31	27	19
3	18	****	17	19	21	22	27	23	26	22	18	18	17	19	17	16	16	16	16	15	15	15	15	15	18
4	15	15	15	15	16	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	17	17	16	16
5	16	16	16	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	17	19	20	20	19	23	17
6	21	18	20	21	19	18	18	18	18	18	18	18	18	18	19	23	20	-	27	21	23	25	19	24	20
7	24	21	20	19	19	19	21	21	20	18	17	17	17	17	17	17	17	20	28	36	37	32	34	35	23
8	38	41	26	23	26	26	24	19	19	-	-	15	15	****	16	16	17	18	18	15	15	15	15	15	21
9	15	15	15	15	15	16	17	17	16	17	16	16	16	16	16	16	16	16	17	17	19	20	20	18	17
10	18	18	18	21	19	19	20	21	17	17	16	17	17	18	17	18	23	19	19	19	19	20	18	19	19
11	18	18	18	18	19	19	19	19	17	16	17	16	16	15	15	15	16	16	16	16	16	15	16	16	17
12	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	19	19	17	16	16	16
13	16	16	16	16	17	17	17	17	16	16	16	16	16	16	16	16	16	16	17	17	17	19	20	20	17
14	18	18	17	17	18	18	20	23	20	19	32	23	19	20	20	18	18	17	16	16	16	16	16	17	18
15	16	16	16	16	16	16	17	18	17	****	17	17	17	16	17	17	18	28	21	18	18	18	18	17	18
16	17	17	17	17	19	19	20	23	21	21	21	21	20	21	20	24	32	29	33	31	24	24	23	20	22
17	20	20	21	20	19	20	21	20	20	20	22	24	19	18	18	18	20	25	17	22	19	27	22	22	21
18	19	16	20	14	15	15	14	14	15	14	14	14	14	14	14	14	14	14	15	16	17	16	16	15	15
19	15	16	16	17	15	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	14	14	14	15
20	14	14	15	15	15	14	14	15	14	14	13	13	14	14	14	14	14	14	15	15	15	20	21	17	15
21	16	16	16	15	14	15	16	16	15	14	14	14	14	14	14	14	15	15	15	15	14	15	14	15	15
22	15	17	15	18	19	20	17	18	16	****	14	14	14	13	14	14	14	17	15	16	15	15	16	15	16
23	15	15	15	15	15	16	18	17	15	15	15	15	15	15	15	15	15	15	16	17	15	15	16	15	15
24	14	14	16	16	15	16	16	16	-	17	16	16	16	16	17	17	18	16	16	16	17	16	16	16	16
25	17	15	15	17	19	15	15	15	15	15	14	14	14	14	14	13	15	13	13	13	13	13	13	13	14
26	13	13	13	13	13	13	13	13	13	13	13	13	13	****	****	****	****	****	****	****	****	****	16	15	15	13
27	14	14	14	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15	15	16	16	16	16	15	15
28	15	15	15	14	14	13	13	13	14	13	13	15	15	-	15	16	16	17	18	18	18	18	17	18	15
29	17	17	17	17	17	17	18	18	18	17	17	17	17	17	17	17	17	18	18	19	21	22	24	34	19
30	28	19	20	21	22	22	23	24	21	19	17	17	18	21	23	23	20	27	21	20	18	18	17	17	21
31	17	18	18	18	18	18	18	19	18	18	18	18	17	17	17	17	17	17	17	17	17	18	18	17	18
MEAN	18	19	17	17	18	18	18	18	17	17	17	16	16	16	16	17	17	18	19	19	18	19	18	18	17.6

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	18	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	17	17	17	17	17	17	17
2	16	17	17	17	17	17	17	18	17	17	16	16	16	16	16	17	17	17	19	18	19	18	18	19	17
3	17	18	19	19	19	18	19	19	19	20	20	19	19	19	19	19	21	22	24	28	27	29	26	24	21
4	23	24	29	23	15	15	16	16	17	16	17	17	17	17	17	18	16	16	16	16	16	16	17	17	18
5	16	16	16	17	17	17	17	18	18	16	-	-	15	15	15	15	15	17	18	18	18	18	19	19	17
6	18	17	18	17	17	17	16	17	19	19	17	17	17	16	16	16	24	24	25	24	26	19	16	16	19
7	21	22	23	25	26	25	29	33	31	27	20	19	18	21	21	20	15	14	14	14	14	15	15	15	21
8	14	15	15	15	15	15	15	16	15	15	15	15	15	16	16	16	17	17	16	26	16	16	16	16	16
9	16	17	16	18	21	26	18	17	17	16	14	14	14	14	14	14	14	14	15	15	16	15	15	15	16
10	15	15	15	15	15	15	15	15	16	15	15	15	15	15	-	16	16	16	16	16	16	16	15	15	15
11	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	16
12	17	17	17	17	17	17	16	17	18	-	15	15	16	16	15	16	16	15	19	21	22	21	19	19	17
13	18	22	22	23	26	18	21	19	19	19	20	22	22	21	24	29	29	27	23	38	35	21	15	16	23
14	18	17	16	15	15	15	15	15	15	14	14	14	14	14	15	14	15	15	15	15	15	16	15	15	15
15	16	16	16	16	16	16	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
16	16	16	16	16	16	16	16	18	19	18	17	17	16	16	16	16	16	18	19	21	22	20	20	25	18
17	21	18	21	18	18	16	18	21	18	17	-	17	17	17	17	17	17	17	17	17	18	17	17	17	18
18	****	18	18	17	16	15	15	15	15	17	18	17	15	15	16	15	15	16	16	15	15	16	17	17	15
19	17	18	18	18	18	18	18	19	20	20	****	16	15	14	15	15	15	16	20	22	20	23	22	23	19
20	21	22	21	20	26	31	36	35	28	26	27	25	21	19	22	23	21	20	23	21	22	22	23	23	24
21	22	24	16	18	16	16	15	15	15	15	14	14	14	14	14	14	14	14	14	14	15	16	16	16	16
22	17	19	19	18	17	17	18	19	22	28	26	24	21	22	24	23	24	21	23	24	25	27	27	30	22
23	31	26	24	22	22	19	18	19	21	24	25	21	21	24	19	24	21	23	18	18	22	21	17	17	22
24	17	18	19	19	19	18	18	19	19	18	17	15	14	14	14	14	14	14	14	14	14	14	14	14	16
25	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	15	15	17	18	19	17	17	15
26	17	18	17	17	17	18	18	25	23	****	19	17	18	17	17	19	20	23	22	26	28	24	22	19	20
27	-	18	17	17	17	17	17	17	17	17	17	17	17	16	16	17	17	17	17	17	17	16	17	19	17
28	23	19	18	19	18	18	18	20	20	20	18	18	16	16	17	17	17	20	24	17	17	18	18	17	18
29	16	15	15	15	15	16	16	16	16	17	16	15	15	15	15	16	15	15	16	16	16	16	16	16	16
30	16	16	17	16	16	16	16	16	17	16	17	21	19	17	17	17	21	25	27	29	30	27	21	20	20
MEAN	18	18	18	18	18	18	18	19	19	18	18	17	17	17	17	17	17	18	18	20	20	19	18	18	17.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	20	19	20	20	21	21	21	21	19	18	****	19	18	18	19	20	19	19	19	19	19	18	20
2	19	18	18	18	20	18	21	27	20	18	16	16	16	15	15	15	16	16	16	17	17	17	17	17	18
3	17	17	18	18	18	18	18	18	19	27	15	13	13	13	13	13	13	13	13	13	14	15	15	16	16
4	14	14	14	13	13	13	14	15	15	15	14	14	****	****	****	****	15	14	14	14	14	-	14	14	14
5	14	13	13	13	13	13	13	14	13	13	13	14	14	13	13	14	14	14	13	14	14	14	13	13	13
6	13	14	14	14	14	14	15	15	15	16	16	17	19	17	18	18	19	18	17	19	18	19	19	20	17
7	19	19	18	18	19	20	21	26	28	39	28	22	18	17	16	16	16	15	16	16	17	17	17	18	20
8	25	30	33	22	28	23	24	24	26	27	22	21	17	17	17	17	17	16	14	14	14	14	14	13	20
9	13	13	13	13	13	14	14	16	16	18	15	20	17	15	15	14	15	15	15	15	-	-	13	14	15
10	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	****	****	14	14	14	14	14	14	14
11	14	14	14	14	14	14	15	16	15	14	13	13	14	14	15	14	14	14	15	15	-	-	-	15	14
12	15	17	16	16	14	16	16	17	28	17	19	21	17	17	17	16	17	18	16	15	15	15	14	15	17
13	18	25	18	15	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	15	16	15	15	15
14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	14	15	15	14	15	16	17	14
15	18	17	19	23	17	16	17	20	20	18	22	16	19	****	****	17	16	15	****	21	17	17	17	17	18
16	17	17	17	17	19	17	15	15	16	15	14	15	14	13	13	13	13	13	13	13	13	13	13	14	15
17	15	14	14	15	15	15	17	19	20	18	****	20	18	18	17	18	21	20	17	18	****	15	15	15	17
18	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	-	-	-	14
19	14	14	14	14	14	14	14	15	15	15	15	15	-	-	15	15	15	15	16	16	17	17	16	16	15
20	16	15	15	15	15	15	16	15	15	15	15	15	15	15	14	15	16	17	17	16	17	16	17	17	16
21	16	16	16	17	17	17	18	17	17	17	16	15	15	15	15	16	16	17	18	18	17	18	22	21	17
22	20	21	23	22	21	24	23	19	26	19	19	19	19	20	17	18	20	17	18	20	18	18	20	20	20
23	19	21	28	29	30	27	25	27	34	23	23	18	17	17	17	19	24	21	****	29	29	18	17	17	23
24	16	17	17	18	18	17	14	14	14	14	25	16	15	15	15	15	15	15	15	15	15	15	15	15	16
25	16	16	15	16	16	16	17	18	18	18	16	16	15	15	15	15	16	16	18	21	18	18	18	20	17
26	19	25	23	24	22	21	23	21	17	17	17	17	17	17	17	17	18	18	18	18	18	18	24	24	20
27	27	29	22	19	19	22	21	21	22	35	53	21	19	18	18	18	18	19	19	19	20	19	20	19	22
28	20	20	24	36	28	26	26	24	31	32	24	29	25	22	20	25	28	31	27	21	22	25	29	27	26
29	27	26	24	24	23	24	25	25	21	45	21	19	18	18	16	16	16	16	16	16	16	17	16	16	21
30	15	15	16	15	15	16	15	16	16	16	16	16	17	17	17	17	18	18	18	17	18	17	17	17	16
31	16	16	17	17	17	16	16	16	17	16	17	16	17	16	17	16	16	17	17	17	17	18	17	-	17
MEAN	17	18	18	18	18	18	18	18	19	20	19	17	16	16	16	16	17	17	16	17	17	17	17	17	17.3

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19.1	23	36
FEB	24	20.5	27	42
MAR	31	19.6	28	44
APR	28	16.8	35	63
MAY	31	17.3	24	68
JUN	30	18.2	28	58
JUL	30	21.9	30	58
AUG	31	20.3	32	45
SEP	30	17.5	26	53
OCT	31	17.6	25	58
NOV	30	17.9	24	38
DEC	31	17.3	26	53
YEAR	358	18.6	35	68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	1	397	330	4	0	0	0	0	732
FEB	0	280	293	15	0	0	0	0	588
MAR	1	484	219	29	0	0	0	0	733
APR	133	367	143	32	1	0	0	0	676
MAY	11	578	104	30	1	0	0	0	724
JUN	22	444	169	42	0	0	0	0	677
JUL	15	272	360	69	0	0	0	0	716
AUG	0	429	231	57	0	0	0	0	717
SEP	11	573	107	22	0	0	0	0	713
OCT	0	587	123	15	0	0	0	0	725
NOV	0	558	145	8	0	0	0	0	711
DEC	0	583	126	10	0	0	0	0	719
YEAR	194	5552	2350	333	2	0	0	0	8431

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.0	1	13.1	15.3	17.0	19.3	24.8	28.6	34.6	39.5	68	18.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	19	19	20	21	20	20	21	22	22	23	24	24	24	23	23	23	21	22	21	21	21	22
2	19	20	20	20	21	21	22	22	23	23	25	25	23	22	22	26	31	30	29	30	27	25	21	21	24
3	24	22	24	26	24	26	23	20	19	21	20	****	****	24	22	20	20	21	20	20	20	20	21	21	22
4	21	21	21	21	21	21	23	24	23	24	24	22	21	21	21	20	20	20	20	22	22	22	26	27	22
5	22	21	21	21	21	22	21	21	20	21	21	20	21	23	25	29	30	29	34	25	25	23	26	24	24
6	22	24	25	26	26	25	24	25	23	23	23	22	22	21	21	20	20	21	21	22	22	22	21	21	23
7	21	21	20	20	20	20	21	22	21	20	20	20	20	21	22	21	21	21	22	23	28	21	21	20	21
8	25	21	20	20	20	25	23	24	21	****	****	20	22	22	22	23	24	28	27	34	29	24	25	23	24
9	21	21	20	20	20	20	21	21	22	22	22	21	21	21	20	20	21	21	20	21	22	21	21	22	21
10	23	26	26	24	25	22	27	29	22	25	28	21	21	23	22	21	21	21	22	26	25	25	24	23	24
11	23	23	22	22	21	20	20	20	20	20	19	19	19	19	19	20	21	20	22	22	21	21	21	21	21
12	22	21	19	19	19	19	19	19	19	19	19	19	20	19	19	20	20	20	22	24	23	24	22	22	20
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16	21	21	20	21	21	21	21	21	22	21	21	21	21	****	****	23	23	24	23	23	25	27	27	26	23
17	27	26	26	26	25	24	24	23	26	23	23	23	24	26	24	23	23	23	23	23	23	22	22	23	24
18	23	23	23	23	23	23	23	23	23	24	22	24	22	23	22	22	23	22	22	22	22	22	22	22	23
19	22	22	22	22	22	22	22	23	28	23	23	22	21	22	22	22	22	21	22	21	21	21	21	21	22
20	21	22	21	21	21	21	21	21	21	21	25	24	23	21	21	21	21	21	22	24	30	34	24	32	23
21	22	22	22	29	34	32	29	30	30	32	26	22	22	22	22	22	22	24	24	26	26	25	22	22	25
22	22	22	21	21	21	21	21	22	22	22	****	****	21	21	21	20	20	20	20	20	24	23	23	21	21
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24	19	19	23	26	27	20	20	21	20	19	19	19	19	19	19	19	19	20	22	26	29	27	20	20	21
25	21	24	23	20	19	20	20	21	20	21	20	22	22	22	22	21	21	21	21	22	23	22	25	26	22
26	21	21	22	21	21	21	21	22	23	22	21	20	19	19	20	20	20	20	12	9	9	12	18	21	19
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29	23	26	28	24	21	20	20	21	20	20	21	20	20	20	19	19	20	20	21	22	22	23	21	21	21
30	22	22	22	20	23	24	23	24	20	20	21	21	21	21	20	21	21	21	25	21	22	22	19	24	22
31	19	20	20	19	19	19	21	21	21	21	21	22	-	****	26	26	27	26	21	21	22	22	20	20	22
MEAN	22	22	22	22	22	22	22	22	22	22	22	21	21	21	21	22	22	22	22	23	23	23	22	22	22.0

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	18	18	18	18	19	20	20	20	21	21	20	23	21	22	18	19	19	19	20	21	20	20
2	20	19	19	19	19	19	19	19	19	20	19	19	20	21	20	20	23	22	19	19	19	20	21	21	20
3	20	20	21	21	20	19	19	19	19	19	18	19	19	19	19	18	16	19	19	18	18	18	18	18	19
4	19	18	18	18	18	18	19	19	19	19	19	19	21	20	20	19	21	20	19	19	20	21	23	23	20
5	25	22	23	22	24	27	35	43	42	31	22	22	22	22	****	****	****	24	25	32	21	21	23	20	21	26
6	22	25	24	22	24	22	21	20	****	20	****	21	19	****	****	****	****	24	****	****	****	****	****	19	19	******
7	****	****	****	25	****	****	****	19	****	****	****	****	22	24	24	24	23	23	23	22	20	20	20	20	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	22	18	18	18	18	******
13	19	19	19	19	19	19	19	19	19	19	19	20	19	19	19	18	18	18	17	17	18	18	18	18	19
14	17	17	17	17	18	17	17	17	18	19	****	21	20	20	20	21	21	22	19	23	22	23	23	23	20
15	24	21	21	24	22	22	24	23	23	23	21	21	21	21	21	21	21	21	21	21	21	21	21	24	22
16	26	24	25	27	24	25	22	21	20	20	21	20	22	23	22	21	22	20	20	21	21	21	22	22	22
17	21	21	21	21	21	21	21	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	****	****	21
18	****	****	****	****	****	****	****	****	****	****	****	****	23	24	24	23	23	22	21	21	21	21	21	20	******
19	20	20	20	20	21	21	21	21	22	22	22	22	23	24	24	23	22	22	22	22	22	22	22	22	22
20	22	22	22	23	24	23	23	25	26	24	24	25	26	27	26	26	26	26	26	27	27	28	25	24	25
21	23	23	23	23	24	24	28	33	25	23	22	****	****	20	20	20	20	21	22	21	20	21	21	20	23
22	20	20	19	19	19	19	19	21	20	20	20	21	22	23	24	21	20	19	19	19	19	19	21	22	20
23	19	22	21	22	21	25	22	22	22	21	22	21	21	22	21	22	20	20	22	21	22	21	21	21	21
24	21	20	20	20	19	19	18	18	18	18	18	18	19	20	20	19	19	19	19	19	20	19	20	19	19
25	19	19	19	20	20	22	22	22	22	21	21	20	20	20	22	23	24	23	24	24	24	23	22	30	22
26	28	26	27	21	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	19	20	20	20
27	20	19	19	19	19	19	21	21	23	19	18	18	18	18	23	21	18	19	18	18	18	19	19	19	19
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29	22	23	18	18	18	20	23	19	21	20	20	19	21	19	20	21	23	23	22	22	21	19	19	19	20
MEAN	21	21	21	21	21	21	21	22	22	21	20	20	21	21	21	21	21	21	21	21	20	21	21	21	20.9

PERCENTAGE OF DATA VALID - 77.9 PERCENTAGE OF DATA INVALID - 22.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	23	24	21	19	19	21	20	19	19	19	20	20	20	19	20	19	22	20	20	21	21	21	20
2	20	20	19	19	21	20	20	19	19	19	18	18	19	19	18	18	18	18	19	19	19	20	21	21	19
3	22	22	22	21	21	21	21	21	21	21	21	22	21	20	19	19	19	19	19	19	19	19	19	19	20
4	19	19	20	19	20	19	19	20	19	19	20	20	21	21	20	19	19	19	19	19	19	20	20	19	20
5	19	19	19	19	19	19	19	22	26	26	22	24	22	24	21	20	19	19	19	19	19	19	19	22	21
6	24	26	30	26	24	25	26	21	19	19	18	20	19	****	19	19	19	19	19	19	19	19	20	19	21
7	20	20	22	21	20	19	19	24	25	25	21	19	20	21	19	19	19	19	19	19	19	18	19	19	20
8	18	19	21	23	22	23	21	23	24	27	31	36	24	28	22	22	22	22	21	23	23	24	23	24	24
9	20	21	22	21	19	22	19	22	22	21	21	21	20	19	19	19	19	19	19	19	18	19	19	19	20
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11	18	18	18	18	18	17	17	17	17	17	17	17	19	18	18	18	18	18	18	18	18	16	18	18	18
12	18	19	18	18	18	16	21	22	21	17	****	18	19	18	18	18	19	19	18	23	24	19	19	19	19
13	18	18	18	18	19	21	21	21	22	21	21	19	19	19	18	18	19	19	19	19	19	19	19	20	19
14	28	20	19	18	18	18	18	18	18	18	18	18	18	18	21	18	18	18	19	19	19	19	18	18	19
15	19	19	19	19	19	38	30	19	23	21	22	21	20	19	19	19	19	18	21	23	18	18	19	18	21
16	19	19	19	20	19	19	19	18	18	18	19	19	20	20	20	20	20	19	20	20	18	18	18	17	19
17	17	17	17	17	17	17	17	17	18	18	18	18	18	19	19	22	23	23	22	18	18	18	18	18	19
18	18	18	18	18	18	18	18	20	21	18	18	19	****	18	18	18	18	18	19	18	19	19	20	21	19
19	25	24	21	20	20	20	19	19	20	20	20	19	19	17	17	17	17	18	18	18	18	18	18	18	19
20	18	18	18	18	18	18	19	19	19	18	19	18	18	18	17	17	17	17	19	17	18	18	18	17	18
21	19	23	40	33	23	22	20	24	28	28	22	18	17	19	17	17	17	17	17	17	17	17	18	17	21
22	18	18	18	18	18	18	20	23	25	20	22	22	21	18	19	18	20	20	19	18	18	18	20	22	20
23	23	19	20	24	23	25	20	18	21	20	18	19	19	18	18	18	18	18	18	21	18	20	18	18	20
24	19	19	18	21	22	21	21	20	20	20	23	21	25	33	29	27	30	24	25	27	24	22	23	21	23
25	21	20	21	22	25	21	22	22	20	19	20	19	19	18	18	18	18	18	19	21	21	24	28	34	21
26	35	35	27	23	28	29	29	34	29	21	24	24	22	21	21	22	21	17	18	18	18	18	22	20	24
27	18	21	24	24	24	24	20	21	20	18	17	18	18	17	17	17	17	17	19	19	20	21	19	22	20
28	21	22	25	33	56	22	29	22	21	19	20	22	27	28	30	30	31	31	32	35	30	35	48	29	29
29	35	35	38	35	31	29	29	29	29	27	25	23	25	23	24	26	25	23	22	28	37	25	38	35	29
30	34	35	33	23	22	42	24	20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	21
31	18	18	18	18	18	18	17	17	17	18	18	18	18	31	33	28	23	29	27	23	23	28	32	25	22
MEAN	21	21	22	22	22	22	21	21	21	20	20	20	20	21	20	20	20	20	20	20	20	20	21	21	20.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	30	23	20	20	18	18	20	19	19	18	20	19	19	****	21	20	20	20	20	21	21	21	21	21
2	21	23	23	23	23	26	26	28	26	24	23	24	23	20	26	26	31	39	32	31	38	39	38	39	28
3	34	19	19	19	18	19	21	19	18	18	18	17	18	18	19	19	17	17	18	31	21	24	31	31	21
4	18	19	19	19	19	20	20	21	21	21	21	19	18	18	17	17	17	17	17	17	17	17	17	18	19
5	18	18	18	18	20	24	25	20	18	19	18	17	18	17	17	17	17	17	18	21	21	22	22	19	19
6	21	25	38	33	34	31	28	26	22	22	19	19	18	18	17	17	16	16	17	17	18	17	18	18	22
7	18	18	18	19	19	19	20	21	20	19	18	17	18	17	17	18	18	18	19	19	18	18	19	18	18
8	19	19	20	20	20	19	19	18	18	18	17	18	18	18	18	17	17	17	17	16	17	17	17	17	18
9	18	18	17	18	17	17	17	18	18	****	19	18	19	18	18	18	18	18	18	19	19	19	18	19	18
10	18	18	18	19	19	19	18	19	19	18	19	19	19	19	19	19	21	21	24	26	25	19	23	25	20
11	24	20	19	19	19	21	22	21	20	20	20	21	20	20	20	20	20	21	21	21	24	22	21	20	21
12	19	18	18	18	19	19	20	20	19	18	19	19	19	19	19	19	19	19	19	19	18	18	18	18	19
13	18	18	18	19	19	22	21	18	19	18	19	19	19	20	22	23	23	18	18	18	18	19	19	19	19
14	19	18	18	18	18	18	18	19	19	18	18	18	20	19	25	27	19	20	21	19	19	19	19	19	19
15	18	19	19	18	18	19	19	19	19	20	20	****	20	19	19	19	20	21	20	22	20	20	20	20	19
16	20	19	19	19	21	22	19	20	20	19	21	20	23	24	25	24	26	21	23	18	18	19	21	20	21
17	20	19	21	21	20	21	20	19	18	18	19	19	19	19	18	18	19	19	20	22	19	20	19	19	19
18	21	21	20	20	21	24	24	32	21	23	24	26	25	27	28	25	23	17	18	18	22	22	24	23	23
19	27	24	25	21	21	21	21	20	21	21	21	23	19	17	17	17	17	17	18	22	18	19	19	22	20
20	35	23	21	21	22	22	22	20	23	30	28	26	40	41	32	32	31	29	29	43	54	21	38	66	31
21	57	39	54	46	41	35	48	49	46	46	28	24	19	18	18	****	20	19	19	21	24	22	22	21	32
22	21	21	21	21	22	23	23	22	24	25	21	20	20	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	22	24	25	24	19	21	19	19	******
24	19	23	28	22	21	19	21	19	18	18	22	22	26	25	25	26	26	27	28	22	24	23	23	24	23
25	22	21	22	24	23	22	24	23	21	20	20	19	20	20	24	34	42	27	23	23	21	23	21	32	24
26	37	37	34	29	26	27	23	23	27	29	27	25	24	23	22	26	25	25	26	24	22	33	28	26	27
27	26	25	25	26	28	30	31	33	33	31	30	29	26	24	26	28	28	29	25	19	26	27	29	28	28
28	27	21	19	19	19	20	20	20	20	19	19	19	19	20	20	21	25	36	28	33	24	34	30	20	23
29	26	23	21	20	20	22	23	23	22	24	29	32	35	25	32	36	39	40	48	39	27	21	22	25	28
30	23	22	22	24	21	20	20	20	23	31	24	30	27	23	23	19	21	19	21	21	22	41	48	32	25
MEAN	24	22	23	22	22	22	22	22	22	22	21	21	22	21	22	22	23	22	22	23	23	23	24	24	22.3

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	25	29	31	30	31	34	25	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	28	25	29	31	30	31	34	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	29.1

PERCENTAGE OF DATA VALID - 1.1 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 98.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	22.0	25	34
FEB	21	20.9	26	43
MAR	31	20.7	29	56
APR	28	22.3	32	66
MAY	0	29.1	****	34
YEAR	111	21.5	32	66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	2	75	648	9	0	0	0	0	734
FEB	0	188	348	6	0	0	0	0	542
MAR	0	408	300	33	0	0	0	0	741
APR	0	288	338	63	1	0	0	0	690
MAY	0	0	5	3	0	0	0	0	8
YEAR	2	959	1639	114	1	0	0	0	2715

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
74.4	9	17.4	18.7	20.1	21.5	25.5	29.0	34.1	38.5	66	21.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	22	23	23	23	25	25	28	34	******
16	34	34	34	32	32	34	33	37	41	20	****	19	20	20	23	26	30	29	22	21	28	36	39	28	29
17	25	26	24	21	20	20	21	25	26	26	25	24	26	21	20	20	21	21	21	20	20	22	24	29	23
18	24	25	25	24	27	22	21	22	21	18	18	17	17	17	17	18	19	18	18	18	18	18	18	21	20
19	20	20	20	19	19	36	34	21	20	19	20	22	18	20	18	17	20	19	19	18	18	22	21	20	21
20	24	27	18	18	18	19	19	19	31	25	25	25	25	22	28	28	29	20	20	22	21	20	21	21	23
21	23	22	22	22	****	****	****	****	****	****	****	****	****	****	****	21	20	20	22	24	32	26	26	26	******
22	28	30	32	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	23	24	24	23	24	37	29	23	23	23	25	******
24	28	30	51	43	47	54	50	50	51	39	32	25	26	26	25	25	26	24	23	24	23	23	23	23	33
25	22	21	21	20	20	26	23	23	19	18	18	18	18	18	18	18	18	18	18	18	19	20	19	24	20
26	21	22	19	19	21	23	22	23	20	19	18	18	20	19	19	19	19	22	21	21	24	26	25	25	21
27	24	24	22	21	21	21	23	23	21	22	26	19	22	20	19	25	26	24	23	19	39	59	54	43	27
28	45	26	41	47	37	32	68	28	35	39	38	40	27	41	45	46	32	34	36	35	34	50	29	24	38
29	25	24	23	23	23	24	23	23	30	31	34	32	31	25	26	31	26	27	25	****	32	30	30	39	28
30	34	31	29	31	29	30	30	30	26	25	21	24	27	28	28	25	24	22	20	27	31	30	29	25	27
31	21	23	23	21	21	22	27	28	22	20	17	18	17	17	17	17	17	17	17	17	17	18	18	18	20
MEAN	27	26	27	26	26	28	30	27	28	25	24	23	23	23	23	24	23	23	23	22	25	28	27	27	25.2

PERCENTAGE OF DATA VALID - 46.4 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 47.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	19	18	17	20	19	20	20	18	19	25	26	21	19	34	37	19	18	18	19	19	24	26	22
2	31	27	29	32	29	32	34	32	29	33	18	18	18	18	18	18	26	34	21	20	41	36	37	25	27
3	22	32	40	32	28	26	24	23	24	17	17	18	18	21	20	20	21	22	21	21	20	22	22	22	23
4	22	22	18	19	20	20	20	20	19	18	20	19	20	20	19	19	19	23	21	19	20	21	22	31	20
5	38	32	27	25	24	23	61	44	33	24	26	24	27	25	24	33	33	29	28	21	20	24	25	37	29
6	24	48	45	27	28	29	27	40	27	27	27	23	26	26	19	16	16	17	24	21	25	24	22	20	26
7	21	19	19	22	32	21	19	24	31	35	26	25	25	25	23	27	33	33	37	37	20	21	17	16	25
8	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	18	18	19	20	17
9	24	25	36	27	22	21	18	17	17	16	16	22	23	19	16	17	18	18	17	17	17	17	19	22	20
10	23	23	19	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	19	20	20	22	18
11	23	25	25	20	21	20	20	19	18	17	17	17	18	18	18	17	17	17	19	20	21	19	20	21	19
12	24	22	22	24	25	28	29	28	24	23	22	18	18	18	18	18	19	19	19	****	39	31	****	****	23
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	19	19	18	18	18	18	18	18	18	18	20	21	22	25	25	******
17	20	20	20	20	40	56	43	30	22	21	20	21	22	21	20	21	24	26	23	25	20	20	21	20	25
18	26	35	28	29	29	41	30	34	24	21	19	19	20	20	21	20	19	20	19	20	24	25	19	18	24
19	19	20	20	20	26	24	31	32	27	23	21	21	22	22	23	19	25	27	18	18	17	17	17	17	22
20	17	17	17	17	17	18	18	18	17	18	18	18	18	18	18	18	18	26	35	23	25	48	51	39	23
21	29	33	27	22	20	20	20	19	19	19	19	18	19	18	18	18	19	20	21	23	24	27	25	24	22
22	23	24	27	25	25	25	25	27	36	24	24	22	27	24	23	23	23	22	23	26	27	27	26	24	25
23	27	26	25	21	37	36	26	27	27	25	25	25	23	23	23	24	28	21	43	39	41	35	33	32	29
24	41	39	39	54	74	34	25	40	33	26	31	33	27	23	22	21	21	26	38	23	24	33	22	28	32
25	28	25	27	30	39	41	37	31	24	23	23	21	21	****	21	20	23	22	22	23	37	24	24	23	26
26	24	22	24	25	27	27	26	26	23	22	22	21	20	19	18	18	16	18	18	22	24	24	21	20	22
27	20	19	22	19	19	19	18	18	17	17	18	19	19	17	16	16	17	19	20	18	17	18	25	25	19
28	20	37	34	19	26	21	21	28	21	23	18	18	23	20	20	20	19	23	23	21	22	25	25	25	23
29	21	23	23	23	20	23	24	25	29	28	26	26	23	18	18	18	18	18	18	18	17	17	17	17	21
30	18	17	17	17	17	17	17	17	18	17	17	17	20	20	19	19	18	18	19	18	19	19	24	29	19
MEAN	24	26	26	24	27	26	26	26	24	22	21	21	21	20	19	20	21	22	23	22	24	24	24	24	23.1

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 11.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE.FROOMFIELD SARNIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	25	24	25	25	34	40	28	25	26	21	22	24	24	25	22	22	23	23	21	21	20	19	20	24
2	21	20	19	21	19	19	18	18	18	20	19	18	20	21	21	20	18	19	18	18	20	32	37	21	21
3	19	19	23	21	22	22	21	22	34	25	20	22	****	19	18	18	18	18	19	19	30	24	29	54	23
4	33	37	31	26	48	45	49	25	27	26	23	23	24	23	21	21	21	23	24	23	26	27	29	24	23
5	27	29	30	47	57	26	24	23	19	18	18	18	17	17	17	17	17	23	26	22	18	17	17	17	23
6	20	18	18	17	17	18	18	18	19	19	18	19	18	18	19	19	18	18	18	18	19	20	22	23	19
7	25	27	26	34	36	43	60	34	26	28	25	23	23	24	24	22	23	23	24	24	27	28	31	35	29
8	27	31	18	18	18	18	19	20	19	19	24	20	20	20	20	19	18	19	20	27	18	18	21	20	20
9	22	20	20	20	21	23	39	34	28	21	22	21	20	25	21	26	20	19	23	21	23	30	32	37	25
10	36	35	33	40	38	108	44	28	25	22	22	19	19	20	****	19	20	24	22	21	23	25	29	23	30
11	23	24	24	25	32	42	23	22	22	22	19	18	18	18	18	22	22	24	25	22	21	19	20	19	23
12	19	19	20	22	23	26	22	19	31	23	19	22	31	19	19	19	25	27	22	19	20	25	25	22	23
13	22	23	22	21	21	21	23	25	19	24	19	18	18	19	19	20	27	25	19	22	31	48	47	49	25
14	35	22	24	22	23	42	37	27	29	27	25	23	22	23	24	23	22	24	25	****	23	24	34	34	27
15	31	25	28	22	24	23	22	23	22	19	20	21	21	18	23	23	23	23	35	28	36	49	22	21	25
16	22	23	28	32	20	21	23	37	38	24	26	32	28	23	21	20	20	21	25	22	20	18	18	18	24
17	17	17	18	18	18	18	19	29	18	19	20	18	23	22	22	23	22	23	23	22	27	22	21	20	21
18	20	20	20	21	22	21	21	21	28	24	20	18	19	19	19	20	22	24	39	40	38	33	26	24	24
19	25	41	35	26	43	34	36	25	19	19	20	21	24	24	25	23	28	20	21	21	22	24	30	28	26
20	46	35	42	43	24	23	22	19	19	19	17	17	28	30	28	23	26	28	26	27	30	26	19	19	27
21	17	17	19	21	20	19	24	20	18	18	18	18	18	18	19	19	18	18	19	19	22	23	22	23	19
22	32	42	36	24	22	21	21	20	19	19	19	27	23	20	21	22	17	23	22	23	21	18	19	21	23
23	19	19	19	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	20	19	24	26	25	26	20
24	27	25	27	39	45	47	24	21	27	****	20	19	20	20	19	21	27	24	25	29	36	35	28	27	27
25	25	22	26	32	29	27	27	24	29	25	21	19	19	18	18	18	24	23	23	25	26	23	26	28	24
26	25	23	26	25	25	26	25	24	21	21	21	20	20	24	24	26	22	28	27	29	21	18	18	18	23
27	19	22	29	33	22	19	21	18	20	20	22	22	22	22	22	27	32	28	19	30	26	21	19	19	23
28	22	22	22	21	28	36	26	27	25	20	19	18	21	20	19	19	19	20	22	25	24	26	25	23	23
29	23	30	24	23	23	21	21	21	21	22	26	24	20	22	27	29	26	18	30	23	19	20	22	21	23
30	20	19	19	18	19	20	19	21	21	18	18	18	18	18	18	18	18	18	20	22	26	30	32	33	21
31	52	30	31	50	45	31	44	46	30	****	****	34	35	38	35	32	27	32	32	40	26	26	28	28	35
MEAN	26	25	25	27	27	29	27	24	24	22	21	21	22	21	22	22	22	23	24	24	25	26	26	26	24.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE.FROOMFIELD SARNIA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	22	21	21	20	20	19	19	19	20	19	18	19	18	18	18	18	18	19	21	27	28	27	21	21
2	19	21	22	22	22	29	50	29	39	29	29	22	21	21	22	24	20	19	19	19	20	21	22	30	25
3	22	25	27	27	23	21	21	20	19	20	19	19	19	19	22	22	20	21	21	19	22	20	20	28	22
4	35	24	39	32	28	27	31	30	31	28	22	22	21	22	22	22	24	31	28	34	30	41	45	48	30
5	42	38	39	37	35	30	27	25	23	22	26	24	24	22	22	22	23	22	20	26	24	27	19	19	27
6	21	21	21	22	30	32	33	28	23	20	20	20	24	****	22	22	32	25	20	23	22	23	31	25	24
7	26	26	25	25	22	29	28	23	24	24	23	21	20	18	19	18	19	25	23	19	19	19	19	26	23
8	21	25	27	32	34	31	37	29	19	23	36	60	31	22	20	18	17	17	17	17	18	18	17	17	25
9	17	17	18	18	18	20	20	18	18	19	19	19	19	19	19	19	19	19	24	22	18	18	18	29	19
10	35	23	18	18	18	18	26	35	28	27	25	20	33	34	30	18	18	18	18	18	18	18	20	20	23
11	19	21	21	19	21	22	25	22	22	23	18	18	17	19	19	26	26	23	18	18	17	17	17	17	20
12	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	20	22	20	23	23	18
13	23	23	23	23	24	26	30	31	24	21	25	25	20	20	23	23	32	28	53	32	33	36	30	31	27
14	30	30	24	23	19	19	20	28	20	20	18	18	17	17	20	20	21	19	19	19	21	19	19	19	21
15	19	19	19	19	18	18	18	18	18	19	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19
16	18	18	18	18	18	18	18	19	19	19	19	19	16	18	18	18	18	19	18	18	19	20	21	20	19
17	21	27	58	63	99	81	29	56	55	30	38	31	27	28	33	34	32	31	36	38	39	37	36	37	42
18	31	31	34	35	43	37	26	26	25	21	22	22	23	22	22	21	19	19	20	21	68	43	46	50	30
19	19	19	21	21	21	20	21	22	39	24	26	22	23	22	22	28	27	25	23	27	44	43	32	35	26
20	44	26	25	25	27	30	27	52	24	24	23	21	20	20	21	19	23	33	85	67	65	27	23	23	32
21	72	27	31	25	30	30	31	28	29	29	29	26	30	30	29	25	25	34	54	75	****	****	****	****	34
22	19	18	18	17	17	17	17	18	18	17	19	19	21	25	27	24	25	22	20	20	20	22	20	22	20
23	22	21	20	19	19	20	20	20	22	21	22	25	24	24	23	25	28	41	25	22	22	21	22	23	23
24	26	26	27	22	22	25	29	30	32	34	22	19	20	20	20	20	20	21	29	39	46	46	38	32	28
25	30	37	45	35	35	36	43	48	59	34	28	24	25	24	23	22	22	27	29	26	27	26	26	36	32
26	34	29	24	36	34	35	34	24	24	22	21	21	21	21	22	22	23	24	24	25	24	25	33	36	27
27	32	31	30	25	27	35	40	43	36	32	26	22	23	23	23	23	25	26	90	25	26	25	22	25	31
28	23	20	22	23	21	25	25	25	24	25	22	24	25	24	22	21	22	30	47	45	34	33	30	27	27
29	29	28	30	39	25	23	23	26	29	26	29	28	29	26	23	25	25	35	33	46	37	36	25	25	29
30	51	71	34	20	19	19	18	20	25	24	24	23	20	22	22	23	23	23	23	23	23	20	21	21	26
31	22	23	23	22	22	21	21	20	21	20	20	21	21	21	22	20	33	34	34	24	21	21	19	20	23
MEAN	28	26	26	26	27	27	27	27	27	24	23	23	22	22	22	22	23	24	30	28	28	26	25	27	25.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	22	21	21	23	22	21	21	20	22	26	28	23	20	19	19	20	16	17	19	21	22	22	23	21
2	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18	18	18	19	20	22	22	20	19	10
3	20	19	19	19	19	20	22	21	36	34	21	18	****	19	17	17	19	20	24	39	40	42	65	84	28
4	31	36	30	32	37	26	25	34	40	29	26	25	26	20	20	20	21	20	25	27	24	22	23	20	27
5	18	18	18	18	18	20	21	21	19	19	19	19	18	16	16	17	17	17	18	****	26	27	39	28	20
6	29	28	26	26	26	24	22	19	18	19	19	19	19	17	17	18	18	19	18	18	25	38	57	****	23
7	****	****	****	****	****	****	****	****	****	****	****	15	19	18	18	18	18	22	19	26	28	23	27	27	******
8	30	38	38	29	27	30	45	57	43	21	21	21	19	18	18	18	18	21	25	43	50	28	34	30	30
9	29	40	31	26	29	27	25	26	26	26	36	24	20	19	17	17	18	18	18	18	19	19	19	20	24
10	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	19	22	30	19	19	19	19
11	19	19	19	22	28	21	22	22	20	20	****	20	20	20	19	19	19	20	21	22	20	20	20	20	21
12	19	19	19	20	20	20	25	38	27	23	25	21	22	25	18	21	23	20	20	22	21	23	22	21	22
13	20	20	21	22	24	21	21	21	31	32	26	28	27	32	33	26	25	22	22	22	21	21	19	21	24
14	22	21	20	18	18	19	19	19	17	19	19	19	19	16	17	17	17	17	17	18	19	23	22	20	19
15	17	17	17	17	16	18	19	19	20	20	19	19	18	18	17	17	18	19	21	23	26	29	46	49	22
16	57	32	29	26	26	24	37	47	24	22	21	21	19	20	20	20	20	20	30	34	29	29	45	64	30
17	37	24	21	21	29	19	17	17	****	****	****	18	16	17	18	19	17	17	18	20	23	32	25	25	21
18	22	21	32	32	56	42	28	29	36	31	30	25	20	21	21	21	22	23	29	34	43	42	39	30	30
19	34	30	24	24	22	21	21	20	20	19	19	20	21	24	33	21	18	20	36	92	143	64	39	35	34
20	29	28	26	23	23	27	27	24	22	21	25	24	22	22	22	23	23	25	24	26	27	29	44	56	27
21	34	27	29	27	41	50	56	28	24	20	19	20	19	19	19	19	19	19	20	21	19	18	19	19	25
22	20	21	24	24	42	27	37	29	29	27	33	34	52	38	22	23	24	32	18	34	23	18	20	19	23
23	18	18	19	18	18	19	19	20	20	19	19	19	19	18	19	19	19	19	20	19	20	21	24	26	20
24	31	21	19	23	21	20	19	20	22	22	21	20	19	19	19	18	18	19	21	24	24	22	21	25	21
25	31	31	24	26	26	32	26	35	33	35	41	27	****	31	24	22	25	23	22	31	24	19	17	17	27
26	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	22	21	19	18
27	20	20	19	22	23	24	22	28	30	29	23	21	19	20	21	21	21	19	25	26	21	21	21	21	22
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29	22	25	24	24	24	24	24	23	22	24	23	21	19	20	20	21	22	22	30	29	27	22	30	26	24
30	27	26	26	26	27	31	28	32	28	30	29	26	25	23	22	22	23	25	28	29	29	29	28	26	27
MEAN	25	23	22	22	25	24	24	25	24	23	23	21	21	21	20	20	20	21	23	27	29	26	29	29	23.6

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	26	24	25	31	26	22	22	22	22	20	22	21	21	21	21	21	22	22	21	19	20	19	18	22
2	17	19	25	22	20	21	22	20	18	18	****	18	19	18	18	18	18	18	22	20	26	34	36	38	22
3	20	20	22	27	34	41	40	28	26	23	21	23	22	21	23	21	19	19	18	18	18	18	18	18	23
4	18	18	18	19	19	18	18	19	19	19	19	19	18	17	17	18	18	18	18	18	17	17	17	18	18
5	18	18	17	17	18	18	18	18	18	18	18	18	18	17	15	17	17	16	16	18	18	18	19	20	18
6	21	21	21	21	20	42	38	36	20	18	19	20	23	21	25	23	21	22	23	29	23	23	27	46	25
7	42	29	23	21	21	22	22	22	22	19	19	18	18	18	18	18	19	20	20	27	28	32	30	29	23
8	23	23	25	31	24	23	28	34	27	21	22	20	19	19	19	20	20	23	36	27	24	21	18	20	24
9	19	20	18	20	19	19	19	19	18	****	18	18	19	19	19	19	20	20	20	22	23	22	22	20	20
10	31	23	29	27	27	27	53	58	23	22	****	****	20	21	20	21	21	23	24	30	31	19	18	20	27
11	21	29	22	30	29	21	22	22	19	17	18	16	17	17	17	17	17	17	17	17	17	17	17	17	20
12	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	19	19	19	18	18	18	17
13	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	20	22	24	24	26	21	20
14	22	22	21	20	20	21	24	21	21	22	24	26	27	28	21	18	19	17	17	17	17	17	18	18	21
15	18	18	18	18	17	17	17	17	17	17	17	18	18	18	19	19	19	19	19	20	18	18	18	18	18
16	19	19	20	22	24	22	22	19	27	25	29	31	****	24	24	25	25	26	37	36	38	49	37	28	
17	34	22	22	22	28	27	24	23	23	21	21	21	21	22	21	21	23	22	23	21	20	21	20	18	23
18	21	21	21	18	17	18	18	21	21	20	19	18	17	17	17	17	17	17	18	19	21	23	22	21	19
19	19	19	19	20	19	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	20	19	19	19
20	19	19	19	20	20	20	20	19	19	19	19	19	19	18	18	18	19	19	19	19	25	25	24	26	20
21	27	24	21	21	23	27	22	22	20	19	18	18	17	17	17	18	18	18	18	19	19	19	20	20	
22	21	21	19	19	19	19	20	21	21	20	19	18	20	****	18	19	20	20	21	27	25	20	18	20	20
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24	22	22	23	23	19	20	20	20	21	24	29	25	31	31	28	23	22	21	21	22	27	25	23	25	24
25	25	23	23	22	20	19	18	19	19	19	18	17	17	17	17	17	17	17	17	17	17	17	16	16	19
26	18	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	17	17	17	17	17	17	17	17	17
27	17	17	17	17	17	17	17	17	17	17	18	18	19	19	21	21	21	21	22	22	20	21	21	20	19
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29	19	19	19	18	19	19	20	20	19	19	18	18	17	17	20	19	19	19	22	18	20	21	23	50	21
30	50	36	23	28	30	34	36	29	26	23	23	24	28	30	26	28	21	25	21	19	24	18	18	25	27
31	32	36	34	23	22	21	21	22	22	21	22	18	18	18	18	17	16	17	18	18	19	20	20	20	21
MEAN	23	22	21	21	22	22	23	22	20	20	20	20	20	20	19	19	19	19	21	21	22	21	22	23	20.9

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	19	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
2	18	18	18	18	18	18	18	19	19	17	17	18	17	18	17	18	18	20	25	25	23	22	31	34	20
3	31	29	28	28	27	27	27	30	31	28	23	22	22	21	22	22	22	21	22	23	26	24	22	21	25
4	22	20	21	21	17	17	19	20	20	19	19	19	19	19	19	20	19	19	19	19	19	19	19	19	19
5	18	18	19	19	19	19	19	20	20	20	19	19	18	18	18	18	18	19	21	24	26	20	21	21	20
6	21	19	19	20	21	26	31	25	26	24	****	25	24	22	20	20	20	20	19	19	19	22	21	26	22
7	22	22	26	23	21	20	22	23	23	21	21	23	21	21	23	26	22	18	18	17	19	19	18	18	21
8	18	18	18	18	18	18	18	18	19	19	18	19	18	18	20	20	21	21	22	24	25	23	24	25	20
9	27	29	31	26	24	23	22	21	20	20	18	18	18	18	18	18	18	18	18	18	18	18	18	19	21
10	18	18	18	18	19	19	19	19	19	19	19	19	18	18	18	18	18	18	19	19	19	18	18	18	18
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12	21	20	20	20	19	19	20	20	20	19	19	19	20	20	19	19	21	23	29	32	23	23	24	27	22
13	32	27	26	22	21	20	21	21	26	30	****	29	24	23	22	22	22	25	44	35	29	28	29	25	26
14	25	21	21	21	21	20	20	20	20	19	19	19	20	19	21	21	20	20	20	20	20	20	20	20	20
15	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	19
16	20	19	19	19	19	19	22	30	33	24	23	21	19	19	19	18	18	19	24	27	24	26	28	24	22
17	28	34	61	26	20	47	37	91	93	100	30	26	24	21	20	21	22	24	20	20	21	22	20	21	35
18	22	20	21	19	19	19	18	18	18	20	20	19	18	18	18	18	18	18	18	18	18	18	18	19	19
19	21	21	22	24	31	38	33	38	29	24	22	21	20	19	19	19	21	29	25	36	31	25	32	43	27
20	41	43	36	38	37	27	25	30	26	****	24	26	23	23	21	22	22	22	21	23	23	22	22	22	27
21	21	20	20	19	24	27	21	19	19	20	20	17	19	19	19	18	19	19	18	18	18	21	22	26	20
22	28	24	24	22	21	24	27	24	26	25	23	22	22	22	22	24	23	48	24	22	21	21	21	21	24
23	21	21	21	22	25	24	26	26	27	29	25	23	26	23	23	23	22	21	22	23	23	21	20	21	23
24	22	23	22	24	24	23	25	25	24	22	21	20	19	19	19	19	19	19	19	19	19	19	19	19	21
25	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	19	21	26	28	26	26	24	20
26	22	22	22	24	32	27	43	39	41	26	23	21	23	20	20	21	24	34	103	28	33	26	20	20	30
27	21	20	20	20	20	20	20	20	21	****	****	30	31	21	21	21	19	19	24	20	19	19	23	24	22
28	21	20	20	20	20	19	21	21	21	24	22	21	19	19	20	20	20	21	22	21	21	21	21	20	21
29	17	17	17	17	17	18	18	18	18	20	19	18	17	17	17	17	17	17	17	17	17	17	17	18	17
30	18	18	18	18	18	18	18	18	19	20	21	21	22	22	****	****	****	****	****	****	****	****	****	****	******
MEAN	22	22	23	21	22	22	23	25	25	24	21	21	20	20	20	20	20	22	24	22	22	21	22	22	21.9

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	23	21	20	22	22	23	22	20	20	20	21	21	21	21	******
5	21	21	21	21	21	21	20	22	22	22	22	23	23	20	21	21	22	22	20	20	19	20	20	20	21
6	21	21	21	22	22	23	20	25	22	23	24	25	28	26	29	28	28	27	29	30	31	32	33	32	26
7	42	41	41	40	41	34	36	38	39	49	48	52	32	22	22	23	20	20	19	19	20	21	45	43	34
8	40	36	28	27	29	25	24	23	24	23	21	20	21	21	21	21	20	19	18	18	18	18	18	18	23
9	19	18	18	18	18	18	18	20	24	29	20	18	21	20	20	19	19	19	19	23	21	22	19	19	20
10	18	18	18	19	19	19	18	21	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18
11	18	18	18	18	18	18	21	21	19	18	18	18	18	18	17	17	17	19	19	18	19	18	19	19	18
12	19	19	20	20	21	23	23	22	23	25	23	21	26	25	24	20	21	22	22	21	20	19	18	18	21
13	21	21	25	20	18	18	18	19	18	18	18	18	19	18	18	17	17	18	20	22	21	20	20	19	19
14	19	19	19	18	18	18	18	18	18	18	18	18	19	19	18	18	18	19	19	18	20	20	21	23	19
15	22	24	42	36	30	33	35	36	50	46	32	26	26	27	32	35	38	32	25	22	20	20	21	23	31
16	21	20	20	20	20	20	20	21	20	19	19	18	21	18	18	18	18	18	18	18	18	18	18	19	19
17	21	20	18	20	29	30	27	29	31	30	25	23	21	22	22	20	21	22	21	20	20	22	25	23	23
18	23	19	19	19	20	19	18	18	18	18	****	19	18	18	18	18	18	18	18	18	18	18	18	18	19
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	19	19	19
20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	21	19	19	19	19	19	19	19
21	19	19	20	21	21	22	21	21	21	22	22	20	20	20	20	20	20	22	22	23	24	34	28	28	22
22	30	64	45	36	39	28	30	30	27	24	22	24	22	23	25	26	24	24	25	27	27	27	27	29	29
23	28	31	37	33	30	27	27	28	28	29	30	27	26	23	23	25	30	46	28	26	26	25	24	22	28
24	22	23	23	23	22	21	21	19	19	19	19	19	19	19	19	19	19	19	19	20	19	19	19	19	20
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26	22	22	22	22	22	21	21	21	21	20	20	20	22	22	22	24	21	21	21	22	22	22	23	31	22
27	32	29	25	23	22	24	24	23	24	26	83	44	26	23	22	22	22	22	21	21	22	22	23	37	28
28	45	34	31	29	27	23	26	27	26	27	27	29	27	25	25	26	32	25	25	30	36	30	30	27	29
29	30	29	29	29	29	29	29	30	32	29	29	26	23	23	23	21	21	21	21	21	21	21	26	27	26
30	27	27	29	26	26	22	22	23	24	24	21	20	20	22	22	26	21	23	23	23	23	21	21	22	23
31	22	22	23	26	35	27	27	28	29	34	24	40	45	38	25	23	20	20	20	21	19	19	20	21	25
MEAN	24	25	25	24	24	23	23	24	24	25	25	24	23	22	22	22	22	22	21	21	22	22	23	23	23.1

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 11.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	13	25.2	38	68
JUN	26	23.1	32	74
JUL	31	24.1	35	108
AUG	31	25.5	42	99
SEP	29	23.6	34	143
OCT	31	20.9	28	58
NOV	29	21.9	35	103
DEC	27	23.1	34	83
YEAR	217	23.3	42	143

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY	0	71	213	60	1	0	0	0	345
JUN	0	229	328	76	2	0	0	0	635
JUL	0	199	443	95	0	1	0	0	738
AUG	0	185	421	122	10	1	0	0	739
SEP	12	229	371	83	4	1	1	0	701
OCT	0	385	314	38	0	0	0	0	737
NOV	0	308	357	35	1	4	0	0	705
DEC	0	210	392	57	2	0	0	0	661
YEAR	12	1816	2839	566	20	7	1	0	5261

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
89.5	0	17.2	18.7	20.6	23.5	31.0	36.6	44.9	51.6	143	23.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	20	20	21	20	23	20	19	19	20	20	19	20	20	20	20	20	20	20	21	22	20
2	22	23	24	24	22	23	22	23	23	22	23	23	24	23	54	21	22	19	19	20	19	19	19	18	23
3	19	18	19	19	19	19	19	23	21	20	20	21	19	19	19	19	20	21	21	21	24	24	26	22	21
4	22	22	22	22	21	22	21	23	22	22	21	21	21	22	21	20	22	22	21	21	21	23	24	24	22
5	23	22	22	22	****	22	21	20	20	21	21	21	21	21	20	20	21	21	21	22	23	22	27	29	22
6	25	30	24	24	63	58	39	36	25	30	23	28	24	23	27	24	23	23	24	27	23	22	23	22	29
7	23	26	20	18	17	15	17	19	19	19	19	19	20	20	20	21	21	21	21	21	22	20	21	20	20
8	19	20	21	20	19	18	20	22	21	22	21	21	21	22	22	22	22	24	22	22	21	21	22	21	21
9	21	20	20	20	19	19	20	21	22	21	21	20	20	20	20	20	23	23	22	22	22	23	22	22	21
10	26	29	33	27	30	31	28	26	23	23	24	24	23	****	****	24	25	25	24	24	26	27	29	28	26
11	27	29	28	28	25	23	23	20	20	18	19	18	18	18	18	17	19	20	19	20	20	19	20	20	21
12	19	20	20	19	18	19	19	20	20	20	20	20	19	18	18	20	21	22	22	23	31	29	25	22	21
13	21	22	22	23	25	25	22	23	22	22	22	23	25	24	26	27	25	25	26	25	23	23	26	23	24
14	23	22	20	20	20	20	22	23	29	26	24	24	23	23	22	23	23	23	23	25	24	30	28	25	24
15	24	24	25	25	24	24	25	25	26	26	25	25	25	25	27	26	25	25	26	26	25	25	26	25	25
16	25	27	25	26	24	25	24	25	25	26	24	25	****	27	26	28	29	****	27	28	28	29	30	30	27
17	29	25	24	23	23	24	24	25	25	25	25	27	27	26	25	25	25	24	22	22	23	22	22	23	24
18	22	23	22	23	23	23	24	25	27	****	****	23	23	22	21	20	21	21	21	21	20	21	22	21	22
19	20	20	19	18	18	17	18	18	20	21	21	22	22	21	21	20	21	20	21	20	20	19	18	17	20
20	****	19	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	20	20	20	21	21	19
21	21	21	18	18	18	19	20	23	24	22	21	21	20	20	****	25	25	24	26	24	24	24	25	26	22
22	23	22	21	20	20	23	21	23	22	22	22	22	22	23	23	23	24	23	22	22	22	22	21	22	22
23	20	19	19	19	19	19	20	21	21	22	20	20	19	18	19	19	20	21	21	21	20	19	19	19	20
24	19	19	20	21	22	21	22	23	24	23	21	21	21	20	20	21	22	21	22	25	24	23	23	22	22
25	22	22	23	23	22	24	22	23	22	22	22	22	24	****	21	22	23	25	25	26	25	24	30	27	24
26	25	26	25	24	23	24	23	23	23	23	22	23	22	24	23	23	24	24	24	23	23	23	23	23	23
27	23	23	22	23	22	22	34	32	25	27	25	22	24	27	28	26	25	25	24	24	25	24	25	24	25
28	23	22	22	22	20	21	22	23	24	****	19	19	21	21	21	21	24	23	24	23	22	22	27	23	22
29	22	22	22	22	21	22	22	23	24	23	21	21	20	20	21	22	22	23	26	25	23	23	24	23	22
30	22	22	22	21	21	20	20	20	22	22	21	21	22	21	21	22	23	23	21	-	21	22	25	23	22
31	21	21	20	20	20	20	21	22	21	20	20	20	20	20	20	20	20	21	22	21	21	21	21	21	21
MEAN	22	23	22	22	23	23	22	23	23	22	21	22	22	22	23	22	23	22	23	23	23	23	24	23	22.4

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	19	20	20	20	21	20	20	20	21	21	12	29	21	22	22	22	23	23	23	22	22	21
2	22	23	22	22	23	22	21	22	22	22	22	22	22	22	22	21	21	22	22	23	23	23	23	22	22
3	22	22	23	25	22	22	22	22	23	23	24	23	22	21	21	20	21	21	21	21	21	22	22	22	22
4	22	22	22	21	22	21	22	22	23	22	22	22	23	22	21	21	21	22	23	23	23	23	25	26	22
5	****	24	23	22	22	****	****	****	****	****	****	****	****	****	****	****	-	-	****	****	****	****	****	****	******
6	****	****	****	24	24	24	24	25	19	****	24	24	24	23	23	23	23	24	22	24	24	23	25	23	23
7	23	22	22	21	21	21	22	23	23	23	22	23	22	22	21	21	22	22	22	23	23	22	22	22	22
8	22	22	23	23	24	27	26	30	34	****	23	23	22	22	22	22	23	24	23	24	26	27	26	25	24
9	25	26	24	25	25	24	25	26	25	23	22	22	22	21	21	21	21	21	22	22	22	21	22	22	23
10	22	22	22	22	22	22	22	24	37	37	24	22	22	22	22	21	22	23	27	25	24	22	23	21	24
11	20	20	20	20	20	21	21	23	24	21	15	****	21	20	21	20	23	24	24	24	24	24	24	21	22
12	23	23	23	23	23	23	23	24	25	24	24	24	22	22	21	21	23	25	25	25	24	23	23	24	23
13	24	24	24	23	24	25	26	27	28	25	24	22	23	22	22	21	21	21	21	21	23	23	24	23	23
14	23	24	24	24	24	25	25	26	26	25	22	21	21	21	21	21	22	23	23	24	25	25	37	50	25
15	38	41	40	33	26	37	30	29	25	****	24	23	25	26	23	****	22	22	****	22	23	22	****	21	28
16	21	20	21	21	20	20	20	21	20	20	20	19	19	19	20	20	20	21	20	20	20	21	20	19	20
17	19	20	20	19	19	20	20	20	21	20	21	20	20	21	22	21	21	21	20	21	21	21	21	21	20
18	21	21	20	21	20	20	20	22	22	22	22	20	21	20	18	13	21	20	21	21	21	21	24	21	21
19	21	20	19	20	20	21	22	22	23	22	21	21	22	22	21	24	24	26	23	25	30	30	36	37	24
20	38	38	29	27	26	30	33	30	29	33	31	25	25	27	25	25	25	27	26	25	25	24	24	25	28
21	25	24	22	22	22	23	23	23	23	22	22	23	23	23	24	23	25	27	26	25	25	24	24	23	24
22	25	21	24	22	21	26	23	23	22	****	****	25	26	26	****	27	26	22	20	20	20	20	20	20	23
23	21	21	21	21	20	20	20	21	21	22	24	24	23	25	26	29	28	30	25	25	27	23	26	25	24
24	25	25	24	23	23	23	23	23	22	21	23	21	21	23	25	24	24	23	24	24	23	24	24	23	23
25	23	22	22	22	22	22	23	23	23	23	22	22	22	22	21	22	22	22	21	22	21	22	21	21	22
26	21	21	21	22	22	22	22	23	23	23	23	22	22	22	23	24	22	21	20	20	19	20	19	20	22
27	20	19	20	21	21	22	****	24	24	23	19	19	18	19	19	18	19	20	20	21	20	21	21	21	20
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29	22	22	22	22	22	22	22	23	22	23	****	21	21	20	21	21	21	20	22	21	21	22	22	23	22
MEAN	23	23	23	22	22	23	23	24	24	23	22	22	22	22	22	22	22	23	23	23	23	23	24	24	22.8

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	21	21	21	21	21	22	21	22	22	21	21	21	20	21	21	21	22	22	22	22	22	22	22
2	21	22	26	25	22	23	23	22	23	22	22	21	21	23	20	20	20	20	20	22	23	23	22	23	22
3	22	22	22	22	23	22	23	24	25	22	21	22	25	21	20	21	****	20	19	19	19	19	20	20	21
4	20	20	19	20	21	21	21	23	21	****	24	24	23	24	23	23	24	27	27	32	41	41	36	33	26
5	28	39	28	28	26	26	27	29	35	27	29	27	23	21	21	19	20	20	****	****	****	****	****	****	26
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	26	25	28	29	31	30	34	32	******
7	24	26	30	24	23	23	23	23	22	24	25	25	26	25	26	25	28	26	25	26	24	25	23	23	25
8	24	25	23	23	23	23	23	22	23	23	22	24	23	23	22	22	21	21	21	21	22	22	22	22	23
9	22	22	22	24	22	23	23	23	23	24	24	24	25	24	23	23	22	22	23	22	22	22	22	20	23
10	20	21	19	20	21	21	22	22	22	22	22	21	20	19	20	20	21	20	21	18	18	18	18	18	20
11	18	19	19	18	19	20	20	21	20	21	20	19	20	21	17	18	18	19	19	20	19	19	20	20	19
12	21	21	20	21	21	21	22	23	23	23	23	23	24	23	23	25	24	25	23	24	24	24	25	25	23
13	24	24	24	26	24	23	23	26	24	27	26	24	24	24	24	25	25	25	26	25	25	24	24	24	25
14	24	23	26	26	20	19	19	19	16	9	20	20	21	22	21	21	22	23	23	27	26	24	25	24	22
15	22	23	23	23	23	22	24	23	23	23	24	24	24	27	26	25	25	25	25	32	37	30	32	29	26
16	30	30	29	30	29	27	27	28	27	27	28	28	30	31	32	31	35	34	34	34	30	33	26	22	30
17	24	25	21	27	24	23	24	26	29	26	27	25	25	16	9	22	23	20	19	18	18	18	19	18	22
18	18	18	18	18	18	19	20	21	20	20	20	19	20	21	21	21	21	20	23	27	25	24	24	24	21
19	25	25	24	24	23	25	27	26	23	22	22	23	23	25	22	21	30	26	26	29	39	37	29	31	26
20	24	23	27	24	26	24	31	30	23	21	21	20	23	****	20	21	23	27	26	23	29	29	27	30	25
21	29	30	31	28	29	25	30	24	22	20	19	18	18	17	17	****	17	17	16	17	16	17	17	17	21
22	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	19	21	22	23	24	24	24	19
23	23	22	21	21	21	21	22	23	25	23	25	23	23	26	25	24	24	23	22	22	24	23	24	23	23
24	23	23	24	23	26	29	26	29	31	30	27	23	24	25	25	25	23	24	24	25	23	23	23	22	25
25	20	20	19	18	18	18	18	18	19	18	18	19	19	18	18	19	19	19	19	20	20	20	21	21	19
26	21	20	20	21	20	20	21	22	21	21	21	19	19	19	21	19	20	20	20	20	20	21	22	21	20
27	23	22	40	31	28	49	58	41	28	23	23	21	22	21	21	20	21	23	25	23	23	24	26	24	28
28	24	23	25	25	24	24	26	28	28	****	23	24	24	24	25	26	25	25	25	25	25	25	25	25	25
29	25	26	25	24	23	23	23	23	24	24	25	24	24	25	24	21	22	21	21	22	21	21	22	22	23
30	23	22	22	23	25	24	22	24	23	22	23	24	24	25	27	31	28	32	35	29	24	27	27	33	26
31	52	30	22	22	23	23	22	23	23	2	11	****	26	25	25	26	25	26	28	26	26	25	29	25	24
MEAN	24	24	24	23	23	23	24	24	23	22	22	22	23	23	22	23	23	23	23	24	25	24	24	24	23.3

PERCENTAGE OF DATA VALID - 96.2 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	24	24	24	25	25	26	26	26	25	25	26	25	27	24	27	26	32	25	25	24	36	36	26
2	29	49	39	47	27	25	24	25	26	26	24	23	23	23	23	24	24	23	25	24	26	28	30	28	28
3	32	29	28	25	25	25	26	26	28	14	24	24	-	25	25	25	27	25	25	27	25	24	25	25	25
4	26	24	22	23	23	21	22	21	22	23	22	21	21	20	18	18	18	18	18	18	18	18	18	19	21
5	19	20	20	21	21	21	22	22	21	20	20	19	19	20	19	19	19	20	21	24	27	26	23	22	21
6	24	25	33	28	45	48	46	43	24	24	23	23	23	24	23	24	24	25	24	24	25	25	24	24	28
7	24	26	25	26	26	26	27	30	30	27	24	22	23	23	27	26	26	25	25	24	23	23	25	25	25
8	24	23	24	24	25	25	25	25	26	23	25	24	25	18	****	22	22	20	19	19	18	19	17	-	22
9	19	19	20	19	19	20	20	21	22	21	23	22	20	19	21	19	19	21	22	21	19	19	22	20	20
10	19	18	17	18	17	18	18	20	20	19	19	20	21	21	21	21	21	21	20	21	21	21	19	21	20
11	20	19	20	20	21	22	22	23	24	24	23	****	****	22	23	22	23	24	25	25	27	22	23	21	24
12	27	26	25	24	24	24	23	23	23	24	24	25	24	24	23	22	21	21	21	23	24	25	22	21	23
13	21	21	21	21	22	23	24	23	23	22	22	21	21	21	23	24	22	23	23	23	24	23	24	23	22
14	26	24	26	25	25	26	27	26	37	29	41	33	28	24	25	21	24	21	21	21	20	18	19	18	25
15	17	17	16	16	16	16	16	17	18	17	17	17	18	19	20	21	19	18	17	17	16	16	****	17	17
16	17	17	17	17	17	17	17	18	17	18	18	18	18	18	18	14	20	23	24	26	27	28	28	29	20
17	29	29	36	50	57	57	43	33	31	30	29	28	****	30	29	31	30	30	29	30	30	30	29	29	34
18	29	31	31	32	36	31	36	35	31	30	****	22	22	25	21	21	21	21	21	23	26	28	44	61	29
19	73	78	86	99	88	59	47	33	25	23	24	25	25	24	22	25	24	20	22	21	20	20	23	21	39
20	20	22	26	27	23	22	23	20	20	19	18	19	20	19	19	19	19	19	19	21	21	23	23	24	21
21	24	23	21	22	24	29	28	24	21	****	19	19	19	19	19	19	19	19	21	22	51	-	57	51	26
22	58	66	66	54	58	44	41	39	25	24	25	24	23	23	24	23	25	27	26	25	28	24	-	24	35
23	25	23	23	22	22	21	21	20	20	20	19	19	18	18	18	18	18	19	20	21	21	21	22	20	20
24	20	20	20	20	20	21	22	-	22	****	****	****	****	****	-	****	****	****	****	****	****	****	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	****	****	19	19	19	19	19	21	22	24	27	23	32	******
26	27	25	38	44	32	28	26	23	23	21	20	19	18	18	16	18	18	18	19	19	20	22	23	21	23
27	21	23	22	22	22	19	20	20	21	22	21	22	25	26	24	32	25	20	20	20	21	19	20	20	22
28	21	20	22	21	21	22	22	25	****	25	25	24	23	25	25	26	24	24	26	24	25	27	24	21	24
29	22	21	20	20	21	20	20	20	21	24	23	21	23	23	22	23	23	20	22	24	24	25	24	21	22
30	21	20	20	20	20	20	20	21	20	21	22	21	20	19	21	20	29	18	17	-	18	19	19	21	20
MEAN	26	27	28	29	28	27	26	25	24	23	23	22	22	22	22	22	22	22	23	24	23	26	26	24.3	

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 4.9 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	19	19	21	19	21	19	18	17	16	16	14	****	-	14	****	16	17	16	16	17	17	18
2	18	17	17	17	16	18	18	18	22	17	16	14	****	21	21	21	26	26	27	30	27	33	29	32	22
3	37	39	31	30	39	59	36	25	19	18	18	18	20	20	20	22	19	20	22	26	25	27	25	23	26
4	24	24	23	26	33	36	28	21	19	18	17	18	20	20	21	20	19	19	20	22	39	28	33	26	24
5	20	19	20	22	22	67	29	21	19	18	20	19	19	20	20	20	21	20	20	35	21	20	19	18	23
6	19	18	18	18	18	19	19	20	20	19	19	17	17	17	18	18	19	23	30	21	22	27	24	22	20
7	26	26	21	18	17	17	17	17	17	17	18	17	****	19	19	20	21	21	22	22	23	24	24	24	20
8	24	23	23	22	22	22	22	20	19	20	19	19	19	20	20	20	20	19	21	21	22	22	22	23	21
9	25	26	27	28	28	25	24	23	15	19	20	22	22	22	22	21	21	22	22	23	24	24	30	27	23
10	30	29	26	26	34	41	43	26	23	25	25	24	23	23	23	25	25	26	24	25	24	24	24	24	27
11	22	21	24	24	23	22	21	22	20	21	21	21	20	19	19	19	19	21	21	23	23	24	24	25	22
12	26	24	23	25	26	26	26	27	29	26	25	24	23	16	24	24	22	22	23	24	26	31	29	27	25
13	25	29	27	28	29	29	28	28	25	27	26	27	27	25	23	24	25	26	23	23	24	24	23	23	26
14	21	20	21	21	19	20	21	20	19	20	19	20	20	20	20	20	20	20	22	23	23	24	23	-	21
15	23	25	25	24	28	32	32	30	30	28	24	22	20	20	20	20	21	20	21	23	25	27	28	28	25
16	25	27	31	32	33	32	29	26	24	25	26	25	25	28	26	28	25	25	25	25	29	29	27	25	27
17	29	28	29	30	31	31	30	30	31	26	27	25	25	27	25	24	27	29	29	28	27	27	25	23	28
18	23	22	22	21	21	22	21	22	20	21	21	21	20	20	-	20	21	21	20	20	19	19	20	20	21
19	21	21	21	21	21	21	22	21	21	21	22	23	22	22	22	20	20	21	22	22	23	24	24	25	22
20	27	25	25	26	25	26	26	26	27	****	27	28	29	32	30	28	28	26	27	28	28	26	26	27	27
21	28	25	27	27	25	26	28	27	26	25	25	25	24	23	24	23	24	22	23	25	27	38	34	35	27
22	35	37	38	38	41	51	47	29	25	25	25	23	24	24	28	28	28	28	27	26	29	29	26	26	31
23	30	44	41	52	61	37	41	33	44	35	26	27	28	24	****	26	26	25	24	28	40	49	38	41	36
24	29	22	23	24	25	26	28	27	23	23	23	23	23	21	21	21	22	21	21	25	26	27	22	22	24
25	22	22	21	21	20	21	23	22	25	25	23	23	23	22	21	21	22	23	****	22	22	20	21	23	22
26	21	20	21	21	20	21	21	21	10	****	22	****	23	21	20	19	19	19	19	20	22	22	22	21	20
27	22	****	22	22	23	22	22	22	21	21	21	22	20	21	20	21	20	20	21	22	23	24	25	26	22
28	29	34	44	36	29	28	31	28	27	26	26	26	24	****	22	23	23	26	27	25	24	27	25	24	28
29	24	24	25	25	27	28	26	27	28	26	****	****	26	28	28	****	27	27	28	29	26	26	26	28	27
30	29	28	29	26	27	31	29	23	22	22	22	23	21	24	21	21	21	21	21	22	24	24	21	23	24
31	20	19	20	21	20	18	18	18	20	22	22	20	19	18	18	18	18	18	19	19	19	19	19	19	19
MEAN	25	25	25	26	27	28	27	24	23	23	22	22	22	22	22	22	22	23	23	24	25	26	25	25	24.0

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	19	19	19	19	20	20	21	22	23	26	25	24	24	24	25	23	25	22	23	23	22
2	23	23	21	22	22	24	29	29	****	20	20	19	19	****	****	21	22	22	28	28	23	23	23	23	23
3	23	23	19	21	19	19	19	21	23	21	21	19	19	18	18	19	19	18	19	19	20	20	21	21	20
4	20	20	21	20	21	22	22	24	21	21	22	22	22	21	21	20	20	20	20	19	20	22	22	22	21
5	23	24	26	27	27	31	33	31	24	****	****	24	27	25	25	24	24	25	23	23	24	24	26	25	26
6	22	23	24	23	21	24	24	26	25	26	25	22	22	22	22	23	22	21	21	22	22	21	23	22	23
7	23	23	24	23	23	24	23	25	24	24	26	25	31	25	25	25	26	27	25	25	26	24	23	19	25
8	19	19	19	18	18	19	18	****	19	18	18	18	19	18	18	18	18	19	19	20	21	21	22	22	19
9	26	23	21	21	21	22	22	21	15	****	19	21	20	19	19	19	20	19	20	21	21	****	23	21	21
10	22	21	20	20	21	21	19	20	19	19	19	19	19	19	20	24	19	20	21	21	22	23	24	25	21
11	22	23	22	23	25	27	25	****	****	****	****	****	20	21	21	21	21	22	24	30	29	35	38	39	26
12	43	53	49	40	31	33	29	31	****	****	****	****	26	26	26	26	25	27	26	27	42	-	-	32	32
13	32	-	-	37	32	27	27	27	25	-	-	-	24	30	32	23	22	23	****	****	28	30	31	32	28
14	28	32	34	****	****	****	****	****	****	21	22	24	24	24	21	22	24	25	33	29	41	34	43	26	29
15	24	****	24	23	25	21	21	22	22	21	20	20	20	22	21	20	21	20	20	20	21	21	21	21	21
16	21	21	21	21	22	22	21	22	21	20	****	21	60	19	****	20	19	20	20	21	22	22	22	22	23
17	23	22	23	23	26	27	25	24	22	22	21	22	22	22	24	23	23	22	21	21	21	23	26	23	23
18	21	22	22	22	24	24	25	24	23	22	23	23	23	23	22	22	22	21	21	22	24	26	26	25	23
19	25	26	26	25	25	26	32	28	25	26	26	24	****	45	22	21	21	20	24	23	22	19	18	18	25
20	18	18	18	18	18	19	18	19	19	19	19	19	19	19	19	20	20	20	21	21	24	23	25	25	20
21	24	25	27	26	29	30	23	21	23	22	21	21	20	21	21	21	21	22	23	24	26	28	27	25	24
22	28	35	31	30	24	24	23	23	24	24	25	25	24	24	23	22	24	23	23	26	27	28	30	27	26
23	25	25	25	26	24	29	31	28	26	24	24	24	37	34	24	24	24	25	26	27	35	34	42	48	29
24	35	30	42	39	30	29	38	34	32	30	26	25	24	26	25	25	-	28	26	26	24	25	26	26	29
25	31	30	36	37	48	46	33	26	26	27	26	26	25	25	22	23	23	23	23	****	25	27	24	23	28
26	22	22	23	22	22	24	24	24	23	23	23	23	22	23	23	24	25	24	23	23	24	23	22	22	23
27	22	22	21	21	20	21	22	23	22	21	21	22	22	22	23	23	23	26	25	24	25	28	26	24	23
28	24	25	24	23	24	25	25	25	24	24	25	24	24	24	25	25	24	24	24	25	24	24	23	23	24
29	26	23	22	24	22	****	****	24	25	24	25	28	27	23	25	22	21	21	21	22	21	22	21	20	23
30	20	20	20	20	20	20	20	19	19	20	20	20	20	21	20	20	20	21	21	22	24	24	26	33	21
MEAN	24	25	25	25	24	25	25	24	23	22	22	22	24	24	23	22	22	22	23	23	25	25	26	25	23.8

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	21	21	22	21	21	22	22	22	22	22	24	26	22	21	21	21	22	****	****	****	****	****	****	22
2	****	****	****	****	****	****	****	****	****	****	****	****	****	30	23	22	21	20	22	26	29	30	31	29	******
3	36	26	26	26	27	30	32	45	32	23	23	24	23	23	23	24	24	23	23	26	34	33	41	32	28
4	39	29	31	25	25	28	31	40	32	26	26	26	25	26	28	28	28	26	25	-	24	24	24	23	28
5	24	24	25	22	24	28	28	24	****	31	21	23	22	22	43	23	24	28	28	36	35	34	34	30	28
6	31	34	31	31	27	28	29	28	27	26	26	27	26	26	26	26	25	26	27	27	31	32	33	41	29
7	40	35	33	35	38	34	40	52	38	27	27	28	27	26	25	26	25	25	28	31	34	43	47	49	34
8	58	52	41	34	37	32	38	39	****	34	28	27	25	29	27	25	26	26	28	30	34	44	43	36	34
9	38	39	36	44	52	47	33	29	28	26	25	25	25	22	24	21	30	23	23	23	23	22	23	23	29
10	23	22	23	22	22	25	29	27	20	20	20	20	19	20	20	20	20	20	22	27	28	25	24	28	23
11	21	21	22	21	23	25	25	24	23	22	22	22	22	21	22	22	23	24	25	26	25	24	23	22	23
12	22	23	21	21	23	27	27	25	22	25	25	25	****	****	24	25	23	22	23	23	22	22	22	23	23
13	22	21	23	23	21	22	21	23	22	25	25	26	28	26	26	27	25	26	25	25	25	25	22	22	24
14	22	23	22	26	24	22	21	22	20	20	21	20	21	20	20	21	20	21	21	21	21	22	22	21	21
15	21	20	20	20	20	21	21	-	****	****	22	20	21	22	22	23	23	24	25	24	29	25	25	31	23
16	36	30	32	32	38	37	34	29	32	27	23	22	22	22	23	23	24	24	26	27	27	26	27	25	28
17	25	24	28	26	25	24	24	23	20	21	20	21	21	21	22	21	20	20	21	22	22	23	23	23	23
18	24	24	26	25	26	29	34	32	27	22	22	23	22	21	21	22	23	22	25	33	26	29	39	30	26
19	24	24	22	22	22	24	28	28	23	****	22	22	21	21	21	22	22	23	28	27	24	23	24	28	24
20	33	34	28	28	25	26	25	23	21	20	21	20	20	20	21	20	21	23	26	29	29	32	26	24	25
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22	20	20	20	20	21	23	24	23	12	24	23	25	25	27	24	22	22	21	20	20	23	21	21	20	22
23	20	20	20	21	21	23	25	24	22	22	21	21	21	20	21	21	21	21	23	23	23	23	23	23	22
24	28	28	29	29	24	26	31	28	25	25	24	23	23	23	24	24	24	23	26	36	30	24	24	25	25
25	24	24	24	25	25	28	28	33	43	41	26	25	26	25	27	27	26	24	24	24	26	25	26	24	27
26	23	22	21	21	21	21	21	21	22	****	20	19	19	20	19	20	21	21	22	22	23	22	23	23	21
27	23	23	23	22	27	-	31	28	25	24	23	23	24	24	23	22	22	23	23	25	27	30	27	26	25
28	28	28	31	33	33	31	32	28	23	22	22	23	25	23	23	22	21	22	24	28	32	30	26	24	26
29	23	22	22	22	24	25	27	27	24	****	24	22	24	23	23	22	21	22	23	31	27	28	29	27	25
30	31	31	33	33	36	39	46	57	31	26	24	24	23	22	23	-	22	24	30	27	26	25	28	33	30
MEAN	28	26	26	26	27	27	29	30	25	25	23	23	23	23	24	23	23	23	25	27	27	27	28	27	25.6

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	27	24	24	23	23	24	23	21	21	21	20	21	20	20	21	21	20	21	20	20	20	20	20	22
2	22	21	20	18	20	20	21	23	20	20	20	20	18	19	19	-	21	22	25	26	29	44	41	42	24
3	39	****	28	28	29	31	37	28	22	****	23	22	23	23	****	23	22	23	25	24	24	23	23	25	26
4	25	23	23	20	20	20	20	21	22	22	21	21	21	21	22	22	21	23	24	24	23	24	24	25	22
5	25	25	25	24	24	24	25	26	26	24	24	25	26	25	25	27	24	24	24	26	26	26	27	26	25
6	25	25	26	28	28	29	31	34	29	26	24	27	25	26	26	27	26	-	28	27	27	27	27	28	27
7	30	30	31	31	33	38	47	63	42	28	24	25	24	23	23	24	25	27	33	44	42	30	28	28	32
8	28	26	26	27	26	26	27	27	25	-	-	23	24	75	28	23	25	26	29	27	26	26	25	25	28
9	25	25	26	32	28	27	27	32	27	25	25	24	24	25	25	25	25	28	29	28	28	29	32	29	27
10	28	27	26	27	27	27	29	30	29	29	27	28	27	28	29	27	29	32	34	33	49	45	31	30	30
11	30	29	29	30	29	29	28	29	29	29	27	27	27	25	24	25	26	25	25	24	25	25	23	24	27
12	24	25	23	23	24	24	25	25	25	25	25	26	24	23	24	24	24	26	26	26	27	28	26	27	25
13	27	25	26	26	26	26	26	26	26	25	25	24	24	25	25	25	27	27	27	27	28	29	29	29	26
14	29	28	29	29	30	31	36	39	39	36	31	31	29	29	28	29	31	28	28	26	26	27	27	26	30
15	27	27	27	26	26	28	28	29	31	35	31	30	29	31	28	28	28	30	33	31	30	35	31	29	30
16	27	28	28	27	28	28	30	30	32	33	31	33	32	32	33	33	34	40	36	41	33	33	33	40	32
17	44	42	43	42	43	40	32	32	17	****	26	25	25	27	26	26	26	25	24	22	23	22	24	22	29
18	22	22	22	22	22	22	22	24	23	24	24	24	23	23	22	25	25	27	25	23	24	26	25	26	24
19	25	24	24	24	24	23	23	24	22	22	22	25	25	24	23	24	23	23	26	25	25	26	24	23	24
20	23	24	25	25	24	24	26	26	19	16	22	25	23	23	24	25	25	26	26	26	25	27	26	25	24
21	23	25	25	24	24	25	25	27	27	25	24	23	21	21	22	23	23	25	27	26	25	24	25	26	24
22	25	24	24	25	24	26	27	28	25	24	24	23	23	****	36	22	23	24	25	26	26	27	27	30	26
23	34	28	28	26	26	27	27	27	26	27	24	25	24	25	25	25	24	24	25	26	25	26	24	25	25
24	25	25	25	26	26	26	26	28	-	26	25	26	25	24	25	25	24	26	26	25	25	24	24	26	25
25	27	25	24	23	23	23	21	24	23	-	23	23	23	23	21	21	20	21	21	20	20	20	19	19	22
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27	26	25	26	24	26	25	25	26	27	26	24	24	26	26	26	27	28	27	28	27	26	26	27	27	26
28	26	26	27	26	26	25	25	28	24	24	23	22	22	22	22	22	23	23	25	25	26	26	26	25	25
29	26	25	26	26	25	26	27	28	29	26	25	25	25	25	26	26	27	27	28	28	26	26	32	32	27
30	32	28	28	28	27	27	31	35	33	29	27	26	25	26	2	23	25	28	25	25	25	25	28	27	26
31	27	27	26	26	26	26	27	29	29	28	26	26	25	26	26	24	24	24	25	25	23	24	25	25	25
MEAN	27	26	26	26	26	26	27	29	26	26	25	25	24	26	24	25	25	26	27	27	27	27	27	27	26.1

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	26	26	25	26	27	26	26	26	24	22	22	22	22	24	25	24	25	26	27	28	27	30	29	25
2	27	25	26	26	26	26	26	26	26	25	25	25	25	26	25	24	25	25	28	32	39	40	42	44	29
3	51	34	26	26	26	29	28	31	31	30	30	28	27	28	28	28	27	27	28	27	26	25	26	25	29
4	23	22	23	22	22	23	24	25	26	28	30	30	28	27	25	26	30	25	25	25	25	25	-	24	25
5	24	23	24	24	25	25	25	27	27	27	27	26	23	22	23	24	25	26	28	30	32	35	36	34	27
6	30	30	29	30	30	31	31	31	32	28	27	25	24	25	27	25	27	28	27	27	26	25	24	24	28
7	26	26	25	26	26	26	27	28	28	30	27	26	27	25	33	27	28	31	25	26	24	22	22	23	26
8	22	21	22	22	23	23	24	24	24	25	25	25	25	25	24	25	26	26	25	25	26	25	26	25	24
9	26	25	25	26	26	25	25	25	26	-	24	23	22	21	22	23	24	26	22	21	21	22	21	20	24
10	20	21	20	20	21	21	21	23	22	22	22	22	21	22	22	21	22	23	23	22	23	24	25	24	22
11	24	24	24	23	23	24	24	24	24	24	23	24	24	23	24	23	24	24	24	25	25	25	25	25	24
12	25	25	25	26	27	27	28	28	28	21	26	26	26	22	44	24	25	24	25	26	27	26	26	25	25
13	25	25	27	31	34	22	21	22	21	21	21	21	20	21	20	22	22	26	32	35	24	23	22	21	24
14	22	23	23	21	19	19	20	21	20	19	19	19	19	19	48	****	21	21	21	21	22	22	22	22	22
15	22	23	23	22	21	21	22	22	25	24	23	23	22	21	21	21	22	21	22	22	21	22	21	22	22
16	23	23	23	23	23	23	23	26	27	25	23	23	22	22	21	23	23	23	24	27	32	33	53	37	26
17	49	34	29	25	24	24	25	25	26	25	-	24	25	23	****	43	25	26	26	27	25	24	25	25	27
18	****	****	23	23	23	24	24	26	25	23	23	23	23	23	24	24	24	24	24	24	24	24	25	24	24
19	23	24	24	26	26	26	27	29	30	28	28	28	26	25	25	25	29	29	29	28	28	28	29	27	27
20	29	30	29	30	31	30	29	31	30	28	28	25	24	24	23	23	26	26	26	26	26	26	25	25	27
21	25	25	25	24	25	25	26	29	29	29	29	28	27	****	50	21	20	22	22	23	23	23	24	24	26
22	24	27	26	25	26	26	27	28	28	26	25	24	23	23	23	22	25	26	24	25	24	24	25	25	25
23	26	27	26	27	27	27	27	28	28	28	27	26	26	27	28	27	28	29	30	27	25	25	25	25	27
24	25	25	25	25	25	25	26	27	27	26	26	25	26	25	23	24	24	24	25	23	23	22	23	23	25
25	23	23	23	22	22	21	22	23	22	22	22	21	21	25	18	19	20	22	23	25	24	28	31	27	23
26	26	25	26	26	26	27	29	34	36	30	26	24	24	24	24	25	24	28	34	31	30	32	34	29	28
27	-	27	25	26	27	24	24	25	26	29	27	27	29	30	30	28	28	27	26	27	25	28	29	28	27
28	27	26	28	30	25	24	25	26	29	26	27	26	25	18	73	26	26	27	27	28	28	28	28	29	29
29	28	26	26	30	24	26	25	25	26	27	26	25	27	26	24	25	24	26	25	26	25	26	27	26	26
30	26	26	26	26	26	26	26	26	27	27	25	24	24	25	27	25	25	24	22	23	24	24	25	26	25
MEAN	27	26	25	25	25	25	25	26	27	26	25	25	24	24	28	25	25	25	26	26	26	26	27	26	25.6

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	27	27	27	28	30	32	33	32	30	29	****	29	29	28	30	29	30	31	30	29	30	30	29
2	30	30	31	31	32	27	26	26	25	23	22	22	21	21	24	23	23	19	19	19	19	19	19	19	24
3	19	19	19	20	21	21	21	22	23	22	22	23	24	24	24	23	24	25	25	24	25	26	28	25	23
4	25	25	25	25	25	25	26	27	27	28	28	29	****	29	29	29	30	29	28	28	28	-	28	28	27
5	30	31	30	30	28	28	29	31	30	29	32	****	****	20	29	28	26	26	27	28	28	28	28	31	29
6	28	28	26	25	25	26	26	28	27	26	28	30	31	28	29	28	33	29	27	32	28	27	29	31	28
7	31	30	29	33	27	28	33	31	39	32	-	32	32	32	34	28	27	26	24	24	24	24	24	24	29
8	24	22	22	22	26	22	21	20	22	20	22	19	19	22	24	23	23	21	21	21	21	21	22	22	22
9	21	22	22	22	22	23	23	28	28	22	24	22	23	22	23	23	24	24	25	26	-	-	25	25	24
10	23	22	22	24	24	23	23	24	24	25	25	****	24	24	24	23	****	****	20	20	20	20	21	21	23
11	22	22	23	23	23	23	24	25	27	25	24	24	25	24	24	24	25	26	25	25	-	-	-	25	24
12	24	24	25	25	24	24	24	26	27	29	32	28	24	22	24	28	48	28	29	30	28	25	25	26	27
13	25	27	27	26	24	21	19	21	21	22	22	22	22	22	23	24	24	25	26	27	26	26	25	25	24
14	26	27	26	26	26	21	21	21	21	20	20	19	21	23	24	23	24	24	26	26	26	28	27	28	24
15	26	25	25	25	25	26	30	40	57	78	52	32	28	****	****	26	30	30	****	31	29	29	31	30	34
16	33	29	29	27	27	26	26	26	26	26	25	23	24	26	81	23	23	24	23	23	23	23	23	24	28
17	24	23	23	23	23	23	25	29	30	29	28	25	26	24	23	24	24	23	21	21	****	21	22	22	24
18	23	23	23	24	25	25	24	24	25	24	22	22	24	25	25	26	25	26	25	24	22	-	-	-	24
19	25	23	21	21	21	20	22	23	24	22	23	11	-	-	22	23	24	25	25	26	24	24	24	25	23
20	24	25	23	24	23	24	24	24	25	26	23	24	24	21	22	23	25	24	25	25	25	25	26	26	24
21	25	25	25	25	24	25	25	26	26	26	27	26	24	24	25	25	24	26	25	26	27	25	26	28	25
22	27	26	24	25	26	27	29	32	31	27	28	27	26	****	23	25	29	28	26	26	26	33	31	29	27
23	28	29	31	29	27	26	26	29	27	****	28	27	25	26	28	28	28	28	****	27	26	26	27	30	28
24	27	27	27	27	26	27	27	27	23	22	22	22	22	22	21	22	22	22	23	23	23	22	23	23	24
25	23	23	22	23	23	23	24	25	24	25	25	25	24	24	25	25	25	25	26	26	25	25	25	25	24
26	24	23	23	24	23	22	22	23	23	23	26	24	24	25	24	25	27	36	25	26	26	27	29	30	25
27	31	30	30	35	44	49	63	66	44	36	31	29	29	27	26	29	32	32	29	29	30	30	28	28	35
28	30	41	34	34	37	48	46	42	48	37	29	28	27	26	26	26	26	26	27	27	29	28	27	27	32
29	28	27	27	28	27	26	27	28	30	28	39	28	23	28	27	27	28	27	25	24	24	25	25	25	27
30	24	23	24	23	23	24	24	25	25	25	24	25	25	24	26	25	25	26	27	28	27	32	33	26	26
31	25	27	27	25	25	25	25	25	25	26	26	25	26	25	25	24	25	25	24	25	25	24	24	-	25
MEAN	26	26	26	26	26	26	27	28	29	28	27	25	25	25	27	25	27	26	25	26	26	26	26	26	26.2

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	22.4	29	63
FEB	28	22.8	28	50
MAR	30	23.3	30	58
APR	28	24.3	39	99
MAY	31	24.0	36	67
JUN	30	23.8	32	60
JUL	31	22.2	29	64
AUG	27	23.2	30	48
SEP	29	25.6	34	58
OCT	31	26.1	32	75
NOV	30	25.6	29	73
DEC	31	26.2	35	81
YEAR	357	24.1	39	99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	99	623	9	1	0	0	0	732
FEB	0	24	620	17	0	0	0	0	661
MAR	3	97	579	37	0	0	0	0	716
APR	0	130	488	52	7	1	0	0	678
MAY	1	110	560	54	2	0	0	0	727
JUN	0	79	547	54	0	0	0	0	680
JUL	0	183	498	40	2	0	0	0	723
AUG	0	75	563	25	0	0	0	0	663
SEP	0	6	580	102	0	0	0	0	688
OCT	1	9	647	74	2	0	0	0	733
NOV	0	10	658	42	1	0	0	0	711
DEC	0	15	637	61	4	0	0	0	717
YEAR	5	837	7000	567	19	1	0	0	8429

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.0	2	19.0	21.0	22.7	24.7	28.5	31.7	39.1	44.8	99	24.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	18	23	21	17	16	19	14	14	14	14	13	13	13	13	13	12	13	12	13	12	13	14	15
2	13	13	13	13	13	13	14	15	15	15	15	13	****	17	16	16	15	16	16	16	15	15	15	15	15
3	15	15	14	14	13	13	14	15	16	17	15	16	16	16	15	16	17	18	17	16	16	16	20	18	16
4	18	17	17	16	16	15	16	17	20	19	19	17	15	15	15	****	-	16	16	17	17	17	17	16	17
5	15	15	15	14	****	15	16	16	15	15	16	16	16	16	16	16	16	15	16	16	16	16	17	18	16
6	17	16	16	17	16	17	19	21	21	20	20	19	17	15	14	15	15	15	14	14	14	14	14	14	16
7	14	14	13	12	12	13	12	13	14	14	15	23	16	16	18	18	19	19	17	17	17	17	15	15	16
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11	16	15	15	15	14	15	14	13	13	13	13	****	15	16	15	16	15	15	15	14	14	14	13	14	14
12	14	14	13	13	13	14	14	14	14	15	15	15	15	15	15	16	16	16	17	16	16	17	17	17	15
13	17	17	17	17	18	17	16	16	16	16	16	16	16	16	17	16	16	17	17	15	15	14	14	14	16
14	14	14	14	14	14	15	15	16	19	21	22	****	20	19	20	21	21	19	19	17	17	17	18	17	18
15	16	17	16	16	16	16	17	19	22	27	20	17	17	14	14	18	17	17	17	17	17	16	15	15	17
16	15	14	14	14	14	15	15	16	16	16	16	15	16	15	15	16	22	****	14	14	13	13	13	13	15
17	14	13	13	13	14	14	15	16	18	20	23	24	24	24	25	23	22	21	22	22	22	21	18	18	19
18	18	17	17	16	17	17	19	21	21	21	22	23	24	25	25	24	22	22	21	20	20	19	20	19	20
19	18	18	17	17	17	17	17	17	17	17	17	17	16	16	15	15	15	15	15	15	15	15	15	15	16
20	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	14	14
21	14	14	14	13	13	13	14	14	15	16	15	15	14	15	15	17	17	16	15	16	17	18	17	17	15
22	17	17	15	15	14	13	13	14	14	14	14	****	****	18	19	19	19	18	15	15	14	14	14	14	15
23	13	13	12	12	12	12	12	13	14	13	13	13	13	13	13	14	15	15	14	14	13	13	13	13	13
24	12	12	12	13	12	12	13	13	14	14	14	14	13	13	14	14	15	15	15	15	15	15	14	14	14
25	15	14	14	14	18	17	17	17	18	19	18	17	17	17	16	17	17	17	17	15	15	15	16	15	16
26	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	15	15	14	13
27	14	14	13	13	13	13	13	14	14	14	14	14	14	14	13	13	13	13	13	14	14	14	14	14	14
28	14	14	14	14	14	13	14	16	16	15	15	****	16	17	18	18	18	18	17	17	17	15	15	15	16
29	15	15	15	15	14	15	15	17	19	19	17	17	18	18	18	17	18	18	17	16	15	15	15	16	16
30	14	14	13	13	13	13	13	14	15	15	15	15	15	15	15	****	****	16	16	15	14	15	14	14	14
31	13	13	13	13	13	13	13	13	15	15	14	15	15	15	16	15	15	16	14	13	13	13	13	12	14
MEAN	15	15	14	15	15	15	15	16	16	17	16	16	16	16	16	17	17	16	16	16	15	15	15	15	15.6

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	12	12	12	12	12	13	13	14	16	16	17	16	15	15	16	15	15	15	15	15	15	15	14
2	15	14	14	14	14	14	14	14	14	15	15	14	14	14	14	15	15	14	14	14	14	****	15	15	14
3	15	16	16	15	14	13	14	14	14	14	14	14	14	14	14	14	15	14	14	14	14	14	14	15	14
4	14	14	14	14	14	14	14	15	15	****	****	15	13	14	****	****	****	17	16	15	15	15	14	15	15
5	15	15	15	15	14	14	15	17	19	18	17	****	17	17	18	19	-	-	18	18	17	18	17	17	17
6	18	18	17	18	19	20	18	17	17	18	17	15	15	15	14	15	15	21	18	17	16	18	19	18	17
7	17	16	15	15	15	15	15	16	19	19	18	17	16	17	17	20	19	21	20	18	18	17	17	17	17
8	17	16	16	16	16	16	16	17	20	18	18	18	18	18	19	19	20	20	19	18	17	17	17	17	18
9	17	17	16	17	16	16	16	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	16
10	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	14	15	15	15	15	14
11	14	13	14	14	14	15	15	17	19	18	17	****	****	****	15	15	17	15	14	13	14	13	14	15	15
12	15	14	14	13	13	13	15	17	19	18	17	16	15	14	15	15	15	14	14	14	14	14	13	13	15
13	13	14	14	14	14	14	14	15	18	18	17	15	14	14	15	****	15	15	14	14	14	14	15	15	15
14	15	14	14	13	14	15	15	15	17	17	16	16	15	12	11	13	12	16	16	15	15	14	15	16	15
15	15	15	15	15	15	13	13	13	17	****	****	****	12	12	12	****	12	13	****	11	10	10	****	11	13
16	14	14	12	10	10	10	12	12	11	11	12	12	12	11	10	10	10	10	10	10	10	10	11	11	11
17	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	11	11	11	11	11	11
18	11	11	11	11	11	11	12	13	13	13	13	****	29	18	18	18	18	17	16	15	16	16	15	15	15
19	15	15	15	16	16	15	16	18	19	20	21	20	19	19	19	20	21	20	26	25	23	23	21	20	19
20	17	18	17	18	18	18	20	21	19	20	22	26	28	25	25	28	28	26	23	23	26	26	23	23	22
21	23	23	21	20	19	19	18	20	21	21	21	21	22	20	****	21	18	16	15	12	11	11	10	10	16
22	9	9	9	8	8	8	8	9	9	9	9	9	8	9	9	10	11	12	13	13	15	12	12	10	10
23	11	11	10	10	10	9	9	9	9	10	11	11	11	11	12	11	12	10	10	11	12	12	11	11	11
24	10	9	9	9	9	10	10	11	11	10	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	11	12	11	12	11	11	11	10	11	11	12	11	11	10	10	10	10	11
26	10	9	9	9	9	9	9	10	10	10	10	****	7	15	16	13	14	14	14	12	12	11	10	11	11
27	10	9	9	9	9	9	****	11	12	12	11	****	12	12	11	12	12	12	12	12	12	13	12	12	11
28	12	12	12	12	12	11	12	12	13	13	13	14	13	13	14	15	15	16	15	14	13	13	13	13	13
29	12	12	12	12	12	12	12	13	14	14	14	15	15	15	15	15	17	18	16	15	15	15	15	15	14
MEAN	14	14	13	13	13	13	14	14	15	15	15	15	15	14	14	15	15	15	15	14	14	14	14	14	14.3

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	15	15	14	15	14	15	14	14	14	14	14	14	14	14	14	14	15	15	14	14	14	15	14
2	15	16	15	15	15	15	15	16	15	15	15	14	14	14	12	13	13	13	13	13	14	14	14	14	14
3	14	15	15	15	15	16	16	18	18	17	16	16	15	15	15	14	****	15	16	15	15	15	15	15	15
4	14	14	14	14	14	14	14	15	15	16	15	16	15	14	14	15	16	17	18	18	17	18	15	13	15
5	12	12	12	12	12	12	13	15	17	18	16	27	25	29	36	34	30	25	21	20	19	19	19	18	20
6	18	18	18	18	18	18	18	19	19	19	20	19	19	19	19	19	19	19	20	19	19	18	19	20	19
7	20	20	20	20	20	20	21	21	22	22	22	21	23	22	25	26	26	26	22	23	24	22	20	19	22
8	19	21	24	20	19	18	20	21	20	19	18	20	20	19	17	18	19	18	18	18	18	17	17	17	19
9	19	18	19	18	19	18	18	18	18	18	18	18	18	17	17	18	18	18	18	19	19	19	20	20	18
10	19	17	16	16	16	16	15	17	19	18	18	19	19	19	19	19	18	18	18	17	17	17	17	16	18
11	16	17	17	17	17	16	16	17	17	17	18	18	18	17	18	19	20	19	18	18	18	18	18	18	18
12	18	18	18	18	18	19	19	20	20	20	21	21	21	22	23	22	23	23	22	22	22	22	24	23	21
13	21	19	19	19	19	18	18	19	19	19	19	19	19	18	20	15	15	14	14	13	13	14	14	14	17
14	13	13	13	13	13	13	12	14	19	20	18	16	15	15	15	15	15	14	13	14	14	14	14	15	15
15	15	15	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	16	15	15	16	16
16	19	20	20	20	19	17	15	15	15	15	16	15	15	15	15	14	14	15	15	15	16	15	15	16	16
17	16	17	18	17	17	17	16	17	18	17	20	****	15	16	20	23	23	22	13	14	16	13	12	10	17
18	10	9	9	9	9	9	10	11	12	49	53	61	32	19	16	17	19	15	14	14	16	16	16	16	19
19	16	17	19	16	17	15	14	13	13	15	15	16	15	15	16	15	15	15	15	19	15	14	17	21	16
20	24	22	20	22	19	19	17	17	18	16	16	16	18	23	18	15	17	22	21	20	15	14	14	15	18
21	14	13	14	16	12	11	11	12	13	14	14	12	20	18	18	17	15	12	11	11	11	11	11	11	13
22	10	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	12	13	14	14	13	13	11
23	14	14	14	14	13	13	13	14	14	13	14	12	12	12	12	12	12	12	13	13	13	13	13	13	13
24	13	13	13	13	12	12	11	12	13	13	12	12	11	12	12	12	13	13	14	16	15	15	15	15	13
25	13	12	12	12	11	11	11	12	12	12	24	12	12	13	13	12	12	13	13	12	12	12	13	12	13
26	12	12	12	11	11	12	12	14	16	15	15	15	15	16	16	16	17	17	17	18	18	17	17	16	15
27	15	15	15	15	15	17	18	18	18	21	18	17	18	17	16	17	18	17	17	17	16	15	16	15	17
28	16	15	16	18	21	24	22	26	31	26	6	****	****	****	****	14	13	12	10	10	10	9	8	9	16
29	9	10	9	8	8	8	8	8	8	8	8	9	9	9	9	9	9	10	10	11	11	11	11	10	9
30	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	8	9	9	8	9	9	9	9	8	9
31	8	8	8	8	8	8	7	8	8	8	8	8	8	8	****	13	14	13	13	13	13	15	16	21	11
MEAN	15	15	15	15	15	15	14	15	16	17	17	17	16	16	17	16	16	16	15	16	16	15	15	15	15.7

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	18	18	17	16	17	18	21	22	-	17	17	19	17	16	16	16	15	15	15	14	14	15	17	17
2	19	19	16	16	17	21	18	15	15	14	14	13	13	13	14	14	12	13	13	12	13	13	12	13	15
3	12	12	12	13	13	14	15	17	13	11	13	13	-	11	10	10	10	9	9	9	7	5	6	5	11
4	3	3	1	0	0	****	1	2	2	****	0	1	1	1	0	1	*	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	3	3	5	5	******
6	5	4	5	5	4	3	4	4	3	3	3	4	3	4	3	3	3	2	3	3	3	3	3	3	3
7	2	2	2	2	2	2	2	3	4	5	5	5	5	7	6	11	14	9	9	6	5	5	1	4	5
8	7	6	5	4	4	5	4	4	4	2	2	****	11	11	11	12	13	11	9	9	9	9	10	-	7
9	9	8	7	7	12	17	20	20	18	16	16	16	16	15	12	13	12	12	14	14	14	14	10	10	13
10	9	8	6	6	6	6	6	7	7	7	7	7	8	8	15	12	14	13	12	11	11	11	11	11	9
11	11	11	10	10	10	10	11	11	12	12	12	13	13	13	13	14	15	16	14	14	14	14	12	12	12
12	15	15	15	14	13	13	11	12	12	12	15	19	14	12	13	14	14	14	10	10	10	10	10	10	13
13	10	10	10	9	9	9	10	10	9	9	9	9	9	9	9	9	9	10	10	10	10	10	11	10	10
14	11	11	11	11	9	9	9	10	10	10	10	10	22	10	10	11	13	12	12	11	12	13	11	13	11
15	12	11	11	11	11	11	11	12	13	13	13	13	13	13	13	13	14	14	13	13	15	15	14	13	13
16	12	12	12	12	12	12	13	13	13	14	14	15	14	12	****	13	13	14	14	14	13	13	13	14	13
17	14	14	14	14	15	15	16	18	15	13	13	13	13	13	14	14	14	15	15	16	14	15	13	13	14
18	13	14	13	14	14	14	13	14	14	13	13	24	15	16	15	13	14	14	13	13	13	14	14	15	14
19	16	18	16	15	14	14	15	18	20	17	17	17	16	18	16	16	17	16	17	18	17	12	13	11	16
20	11	13	11	11	10	11	12	11	10	11	10	9	9	9	9	9	10	10	10	10	11	11	11	11	10
21	11	11	11	11	11	11	12	13	13	12	24	13	13	12	12	12	12	12	12	12	12	-	-	14	13
22	14	14	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	11	12	12	12	12	-	11	12
23	11	10	10	10	10	10	10	11	11	10	10	11	11	11	11	13	14	14	12	11	11	11	11	11	11
24	11	11	11	11	11	11	12	12	12	12	12	12	13	12	-	14	14	11	10	10	11	12	12	12	12
25	11	11	11	10	10	10	10	12	12	12	12	****	12	13	13	14	13	13	14	13	13	13	13	14	12
26	13	14	14	13	13	13	12	13	13	12	12	12	11	12	13	14	15	16	17	19	21	21	23	19	15
27	16	15	13	14	13	13	13	13	13	12	11	11	11	11	12	11	11	11	12	12	10	10	10	10	12
28	9	9	9	10	10	10	11	12	12	12	****	14	15	15	14	14	13	12	12	11	11	11	11	11	12
29	11	10	10	10	10	10	11	12	12	12	12	12	11	12	12	12	12	11	12	11	12	12	12	15	12
30	16	14	13	12	14	15	16	22	23	20	17	17	19	18	11	18	18	18	17	-	19	20	17	17	17
MEAN	12	11	11	11	11	11	11	12	12	11	12	12	12	12	11	12	13	12	12	11	12	12	11	12	11.6

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	13	13	13	14	16	16	17	14	12	15	26	16	14	-	17	****	13	16	20	18	14	13	15
2	10	****	10	11	10	9	10	10	12	12	12	13	16	16	15	15	12	12	13	15	16	17	17	16	13
3	17	16	17	20	20	20	18	17	15	14	15	15	14	11	11	11	10	10	10	11	11	11	12	12	14
4	12	12	12	11	12	12	13	12	12	12	11	12	12	11	10	10	10	11	10	10	11	12	14	12	12
5	12	12	12	11	11	12	13	16	21	19	15	13	17	11	10	10	9	9	9	10	12	9	8	9	12
6	9	8	9	8	8	8	9	9	9	10	10	9	9	9	10	10	10	9	9	9	8	9	11	10	9
7	9	10	10	9	9	8	11	11	10	9	9	8	9	9	9	9	9	9	9	9	9	10	9	9	9
8	9	9	9	10	10	10	10	11	10	10	10	****	15	14	13	13	12	12	12	12	12	11	11	11	11
9	10	10	10	10	11	11	11	12	12	11	12	11	12	12	11	11	11	11	11	11	12	12	12	12	11
10	12	13	12	13	14	14	15	15	14	13	13	12	11	12	12	13	13	12	12	11	11	12	13	13	13
11	12	13	12	11	10	9	12	11	10	10	11	11	11	10	10	10	10	10	10	11	11	11	12	12	11
12	13	14	16	14	16	16	16	19	18	11	****	12	12	11	10	13	11	12	14	14	15	14	13	12	14
13	15	17	20	21	17	17	16	15	15	16	15	15	14	17	16	17	16	17	14	15	15	16	13	13	16
14	13	12	11	10	10	10	11	12	13	12	11	11	12	13	12	12	13	12	12	12	12	12	12	-	12
15	12	12	12	12	13	13	13	13	12	11	11	12	11	12	12	11	11	11	11	12	12	12	14	16	12
16	15	14	13	13	15	18	17	19	18	17	14	14	13	13	12	11	11	11	12	13	14	15	18	27	15
17	24	18	17	15	19	22	15	14	13	11	11	11	11	11	11	10	11	10	12	11	11	10	10	10	13
18	9	8	8	8	8	8	8	8	8	9	11	9	10	8	-	8	7	8	8	9	9	9	10	9	9
19	9	9	8	8	8	8	8	8	8	9	9	8	8	8	9	8	9	8	9	10	10	12	12	11	9
20	11	11	11	11	10	10	11	11	****	12	13	13	13	12	12	12	11	11	11	12	12	14	15	15	12
21	17	16	14	14	13	13	14	17	17	18	19	16	15	14	15	15	15	14	14	14	15	16	20	20	16
22	17	16	15	17	16	17	18	18	23	20	20	18	17	15	15	15	16	13	16	13	14	15	15	17	17
23	19	17	17	17	19	27	28	32	30	23	24	23	17	17	14	13	14	12	13	16	19	23	21	15	20
24	15	14	15	16	11	10	12	15	19	22	19	16	15	14	12	12	12	11	11	11	10	10	10	12	14
25	12	10	9	9	8	8	8	8	8	8	8	9	10	9	10	9	9	9	9	9	9	9	9	9	9
26	9	9	9	9	9	9	10	11	11	11	14	13	12	12	11	12	11	11	11	11	11	12	11	11	11
27	11	****	11	11	11	11	13	13	13	13	13	13	12	12	11	12	12	11	12	12	13	13	13	12	12
28	11	12	12	12	11	11	12	13	14	15	15	14	13	13	13	13	13	14	13	15	16	18	22	25	14
29	27	26	17	16	15	15	14	14	14	13	13	13	13	12	12	12	12	12	11	12	12	12	11	11	14
30	11	11	12	12	13	15	17	21	22	13	18	20	21	15	15	11	10	9	12	9	6	7	7	6	13
31	5	5	5	5	4	5	7	7	7	6	6	6	5	6	7	6	5	6	6	6	6	6	7	7	6
MEAN	13	13	12	12	12	13	13	14	14	13	13	13	13	12	12	11	11	11	11	12	12	12	13	13	12.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	7	7	7	7	7	7	7	7	7	7	7	8	8	9	9	8	8	8	7	8	7	7
2	7	7	7	7	7	9	11	13	16	19	20	17	15	16	10	14	17	13	10	10	11	10	11	11	12
3	11	10	10	10	10	10	11	13	14	13	13	12	11	****	10	10	10	9	9	9	9	8	9	9	10
4	9	9	9	10	9	10	11	11	9	9	9	9	9	9	11	11	10	9	10	9	9	10	11	10	10
5	11	10	11	11	11	11	12	13	13	13	11	10	10	10	12	11	11	11	12	13	13	13	12	11	12
6	11	10	10	10	10	10	11	13	15	16	15	17	14	12	11	12	12	12	11	11	12	11	11	11	12
7	10	9	9	9	9	10	10	11	11	10	10	10	12	12	10	13	12	12	11	9	9	9	10	13	10
8	14	14	10	8	7	7	7	7	7	7	7	7	7	8	8	7	7	7	8	8	8	8	9	9	8
9	9	10	10	10	10	10	10	12	12	13	****	11	10	10	10	10	10	9	9	10	10	11	12	12	10
10	11	11	10	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	10
11	10	10	10	10	11	12	13	13	13	13	13	13	14	16	15	12	12	12	12	12	14	14	15	12	**
12	20	18	19	24	22	20	21	19	18	16	14	13	13	12	12	12	13	12	12	14	13	13	13	13	16
13	14	16	16	16	17	18	19	21	21	18	16	15	14	13	12	12	12	12	13	14	13	13	13	13	15
14	14	13	15	16	20	22	21	14	****	****	12	10	10	9	10	10	11	10	10	12	16	11	11	16	13
15	14	15	15	22	25	22	25	17	13	12	12	13	10	9	8	7	7	7	7	8	7	8	8	8	12
16	8	8	8	8	8	8	9	10	10	9	****	13	12	12	****	12	12	12	12	12	12	12	12	12	11
17	12	12	13	14	15	14	16	19	22	16	13	13	12	11	11	12	11	11	10	10	11	12	14	14	13
18	13	14	14	14	14	14	15	17	17	14	14	13	13	13	13	15	13	15	17	16	18	16	15	13	15
19	14	13	13	14	14	14	13	12	9	10	10	10	10	10	9	10	10	10	9	10	11	10	10	12	11
20	12	9	9	8	8	8	8	8	8	8	8	8	8	8	****	10	11	11	12	12	13	15	14	15	10
21	15	15	14	12	13	11	13	13	12	12	12	11	11	11	10	10	10	10	11	13	16	17	18	20	13
22	20	22	22	20	27	26	23	22	17	15	13	12	12	11	10	10	10	10	11	11	11	11	14	16	16
23	15	15	17	14	16	24	30	28	26	24	19	17	14	14	13	13	12	11	11	12	12	14	18	21	17
24	24	25	34	29	28	26	24	23	23	25	20	18	17	16	15	15	-	14	14	13	12	12	16	19	20
25	18	17	18	18	20	19	23	28	26	17	14	14	13	13	11	12	11	11	11	****	14	13	16	16	16
26	15	16	13	13	14	16	16	17	17	16	14	12	****	9	10	10	12	13	8	8	9	9	10	11	13
27	13	15	13	12	11	11	10	11	11	10	11	10	10	10	10	11	10	10	10	10	11	11	11	11	11
28	12	12	10	9	8	8	8	9	9	9	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9
29	10	11	10	12	38	39	22	14	13	11	10	9	9	9	8	9	9	10	9	11	12	12	13	11	13
30	10	9	9	9	8	8	9	9	****	11	11	11	11	9	9	11	11	11	12	11	10	10	10	11	10
MEAN	13	13	13	13	14	15	15	15	14	13	12	12	11	11	11	11	11	11	11	11	11	11	12	13	12.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	16	15	14	15	16	16	16	15	12	12	11	10	10	10	10	11	12	14	13	11	11	11	13
2	11	12	13	15	15	17	17	14	13	12	12	11	10	12	12	12	12	11	12	12	13	14	14	14	13
3	16	15	15	13	13	13	13	15	16	17	15	14	13	14	13	13	12	12	13	14	16	17	20	20	15
4	17	16	16	19	20	20	19	18	20	21	17	15	14	14	14	13	13	13	14	14	13	13	13	17	16
5	20	21	19	18	19	17	19	17	16	13	13	13	13	12	12	11	10	10	10	10	10	11	11	11	14
6	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	14	15	17	19	13
7	18	17	17	19	21	22	28	31	21	22	****	23	13	11	9	8	8	7	6	7	8	5	3	4	14
8	5	6	6	6	6	5	8	8	7	8	9	5	4	3	3	3	3	3	3	3	3	4	4	5	5
9	5	4	5	5	5	5	5	7	10	8	6	5	6	7	7	7	6	10	10	7	8	6	11	12	7
10	12	26	30	30	30	26	23	16	13	13	19	13	13	12	11	11	10	10	9	9	9	15	14	12	16
11	13	11	12	11	12	13	12	13	15	12	10	10	8	7	7	7	7	7	7	7	8	8	8	8	10
12	8	8	8	9	10	11	11	10	8	7	7	7	7	7	8	7	7	7	7	7	8	8	8	9	8
13	8	8	8	8	7	7	8	8	8	7	8	7	7	6	6	6	6	6	6	5	6	10	14	10	8
14	15	13	16	20	28	28	22	19	17	14	12	11	10	10	10	10	9	8	9	9	10	11	11	10	14
15	11	11	12	13	14	14	14	16	21	14	12	10	10	9	8	12	9	10	9	7	9	9	10	11	11
16	11	11	11	10	9	11	10	10	10	9	9	12	9	9	8	9	9	9	8	10	11	12	9	8	10
17	9	12	12	14	13	11	10	10	9	8	8	8	8	8	9	9	10	10	10	10	10	11	12	11	10
18	11	11	11	11	11	11	12	16	****	16	14	14	13	12	12	12	12	13	13	13	14	13	11	11	12
19	11	12	14	15	14	14	14	13	12	11	11	12	11	11	11	11	11	11	10	11	12	14	14	17	12
20	19	19	18	16	16	17	17	16	14	14	15	13	14	12	13	13	14	13	15	15	14	19	18	15	15
21	12	11	11	11	11	11	13	16	16	14	12	12	12	12	12	12	11	11	12	12	13	13	13	13	12
22	13	13	13	13	14	15	17	18	16	17	17	17	15	14	12	12	11	11	12	16	18	15	13	11	14
23	12	12	12	12	11	10	10	11	10	10	10	10	10	10	10	11	11	10	11	11	11	12	10	13	11
24	14	14	14	14	13	14	15	16	15	11	26	14	12	11	12	12	11	11	11	11	10	12	16	17	14
25	15	14	13	13	13	13	16	16	17	15	13	12	11	12	11	11	11	11	12	13	13	13	12	12	13
26	14	17	21	22	18	16	17	15	12	11	10	12	12	14	18	16	16	15	19	17	16	24	22	20	16
27	17	15	14	15	15	16	21	18	14	11	10	10	9	10	10	10	10	10	10	9	10	12	14	13	13
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31	16	16	16	16	25	29	25	18	17	15	14	14	16	15	14	14	14	13	13	13	13	13	13	16	-
MEAN	13	13	14	14	15	15	15	15	14	13	13	12	11	11	11	11	10	10	11	11	12	13	13	13	12.6

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	15	16	17	21	21	****	26	25	21	22	16	14	13	12	12	12	11	12	15	16	17	17	16
2	16	15	14	14	14	14	16	16	14	15	14	13	13	15	12	11	11	11	11	12	12	12	13	14	13
3	14	14	13	14	15	16	16	15	15	13	12	11	9	6	7	8	8	8	10	10	11	12	11	12	12
4	12	14	15	15	17	19	19	19	19	16	14	11	10	10	10	11	11	11	10	11	11	11	10	9	13
5	9	9	9	9	9	10	12	13	29	15	15	14	12	13	12	12	12	13	12	11	11	11	11	10	12
6	11	11	12	13	16	17	17	15	15	14	14	14	****	14	13	13	12	****	13	14	16	19	22	18	15
7	17	18	18	18	17	17	16	17	17	17	16	15	14	12	12	12	13	-	14	14	14	14	14	14	15
8	15	19	18	19	20	19	****	21	21	19	20	15	14	14	16	14	13	13	12	11	11	12	12	12	16
9	****	12	11	9	10	10	10	11	10	11	10	10	10	10	10	11	11	11	11	12	12	12	13	13	11
10	13	12	12	13	****	****	14	14	13	10	9	9	9	9	9	9	9	9	10	9	10	11	11	12	11
11	13	17	18	15	14	15	16	15	12	10	****	14	14	14	14	13	11	14	14	14	14	14	15	15	14
12	17	17	16	16	16	17	19	23	23	20	16	16	15	15	14	15	14	15	15	16	16	16	17	17	17
13	17	18	18	18	18	20	21	21	20	19	19	17	16	16	15	15	15	****	17	16	16	16	17	20	18
14	22	22	18	18	17	18	20	19	20	21	20	17	16	17	16	16	15	14	14	15	17	17	17	18	18
15	18	18	17	16	16	16	17	17	17	17	16	15	15	15	15	14	14	14	14	14	14	14	14	15	16
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19	23	22	26	30	35	31	****	****	25	21	19	19	17	17	17	16	16	16	17	19	23	23	23	23	22
20	22	22	23	22	22	21	20	18	18	16	17	16	15	15	15	15	15	15	15	15	15	16	16	16	18
21	15	16	-	****	16	17	8	****	****	****	18	18	18	18	16	16	15	15	14	14	14	16	15	16	16
22	16	15	16	16	16	17	16	18	18	16	16	16	17	17	16	16	16	16	16	16	17	19	21	22	17
23	22	22	23	23	21	21	19	18	19	18	17	17	17	17	17	17	16	16	18	19	19	20	21	21	19
24	21	21	20	21	21	21	22	22	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	22	20	15	13	12	11	10	10	10	10	9	10	12	******
26	12	10	11	11	11	11	13	-	15	16	12	9	10	7	8	8	7	6	1	2	4	5	4	5	9
27	7	6	6	5	4	8	6	4	24	20	18	14	13	14	14	15	16	14	14	15	17	15	14	13	12
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29	14	15	14	13	12	14	16	15	13	11	11	12	10	11	11	12	12	12	12	12	12	13	14	14	13
30	14	15	15	15	16	18	18	19	24	16	15	14	15	12	11	12	12	12	12	12	12	12	13	14	13
31	14	13	13	13	15	16	17	15	12	11	9	9	9	8	8	10	11	11	10	11	12	10	8	9	11
MEAN	15	15	15	15	16	16	16	16	18	16	15	14	14	13	13	13	13	13	13	13	14	14	14	15	14.5

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	13	17	17	17	18	17	17	16	16	17	16	16	16	16	17	17	17	17	17	17	16
2	15	16	16	16	17	17	17	17	17	16	16	16	16	16	16	17	17	17	17	21	21	22	22	23	18
3	26	27	22	-	18	17	17	18	18	19	17	17	18	19	22	21	21	23	23	25	20	18	17	17	20
4	15	14	13	13	13	13	13	13	12	13	13	14	15	15	15	15	15	-	-	15	14	13	13	13	14
5	14	13	13	13	13	13	13	14	16	-	26	-	-	14	15	-	-	-	-	16	-	-	16	16	******
6	17	17	17	17	16	16	17	-	-	-	16	-	-	16	16	17	18	18	17	15	15	14	14	14	16
7	14	15	15	15	15	16	16	18	20	19	18	18	18	19	27	24	21	19	22	25	20	17	15	14	18
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13	20	21	18	15	14	13	13	15	17	17	19	20	19	23	22	26	24	24	23	24	22	21	21	20	20
14	20	21	****	19	17	15	14	14	14	13	14	14	14	12	15	16	16	17	16	15	15	15	15	16	16
15	16	15	15	15	15	14	14	15	16	16	16	16	16	15	14	14	14	14	15	15	15	16	15	15	15
16	15	15	15	15	15	18	18	16	16	16	17	16	16	16	17	16	16	16	17	17	17	19	21	20	17
17	21	20	21	25	28	28	26	20	19	16	-	14	14	15	13	16	15	16	16	15	16	16	18	17	18
18	15	15	14	13	13	13	13	14	16	16	16	17	17	17	15	16	16	17	16	15	13	13	13	13	15
19	14	14	13	15	14	14	15	16	16	15	15	16	15	17	19	20	20	22	22	22	23	21	20	20	17
20	20	20	20	20	20	20	20	21	20	21	23	20	18	****	14	13	14	13	13	12	12	12	11	12	17
21	11	11	11	11	11	11	10	11	12	13	14	16	16	14	13	13	14	15	14	14	14	14	14	14	13
22	14	13	13	13	14	15	16	16	16	16	14	13	13	13	13	14	13	14	15	15	15	16	17	17	15
23	17	16	16	17	17	19	18	17	18	17	17	16	16	16	18	20	20	17	17	14	15	15	18	19	17
24	18	19	23	21	22	23	24	24	24	26	25	17	27	18	18	16	15	15	13	11	10	10	9	7	18
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26	12	12	11	11	13	12	13	14	17	16	15	11	12	13	13	13	15	16	17	19	19	19	19	19	15
27	-	17	15	15	13	12	10	10	9	9	8	7	7	7	6	7	7	7	6	6	5	5	5	6	9
28	6	6	7	7	7	5	5	6	7	7	8	31	17	17	19	19	20	23	20	18	15	15	15	17	13
29	17	16	16	15	15	15	14	14	15	15	15	15	15	14	13	13	14	14	15	15	14	14	14	15	15
30	14	14	15	15	15	15	15	15	16	15	15	15	16	16	16	15	14	14	15	14	15	15	16	16	15
MEAN	15	15	15	14	15	15	15	15	16	15	16	16	15	15	16	16	16	16	16	16	15	15	15	15	15.4

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	16	17	18	18	20	21	21	21	21	21	21	21	22	20	24	22	21	22	23	21	21	20	20
2	18	17	16	15	15	15	16	17	20	22	19	10	17	15	15	16	14	13	12	12	13	12	12	12	15
3	12	12	12	12	12	12	13	13	14	14	15	16	17	17	17	17	17	18	18	18	17	17	17	17	15
4	18	17	16	16	16	15	16	18	20	23	21	20	19	20	20	19	17	18	17	15	14	-	15	14	18
5	15	14	14	14	13	13	13	15	18	17	12	10	10	10	10	11	12	13	13	14	20	20	19	21	14
6	21	19	19	20	20	20	18	17	16	16	14	12	10	9	9	10	10	10	8	9	9	9	12	11	14
7	10	10	10	10	10	9	9	9	9	9	9	9	9	10	11	12	15	17	22	24	23	19	18	18	13
8	19	24	24	25	27	32	27	23	27	30	19	17	13	25	-	-	18	17	15	15	14	15	14	14	21
9	14	14	14	13	13	14	14	15	16	16	16	17	18	19	17	17	17	20	20	21	-	-	19	18	16
10	17	17	17	17	16	15	15	14	15	16	16	15	14	14	14	14	****	****	13	14	14	14	14	14	15
11	15	14	13	14	14	14	15	14	17	17	16	20	21	21	20	20	19	20	19	19	-	-	-	19	17
12	20	19	18	18	18	18	19	20	20	19	17	16	17	20	25	27	28	28	29	23	21	18	17	17	21
13	16	16	16	16	15	15	15	15	15	15	15	15	15	15	16	15	15	16	16	16	16	16	14	13	15
14	13	14	14	14	13	12	12	12	13	14	14	14	13	13	13	14	14	14	15	16	17	18	17	16	14
15	16	16	14	15	14	15	17	17	18	18	18	25	30	25	26	26	26	31	****	24	25	26	26	26	21
16	26	22	19	18	18	18	18	19	20	21	20	21	20	20	19	20	21	22	20	19	18	16	15	15	19
17	****	14	15	14	14	14	14	15	17	20	22	25	21	17	16	16	15	****	****	****	****	****	****	****	17
18	****	13	13	13	13	14	14	14	14	****	****	****	14	14	14	14	16	17	17	15	14	-	-	-	14
19	13	13	13	13	13	12	13	14	14	15	16	16	-	-	16	17	18	19	18	18	18	17	16	16	15
20	17	17	16	15	15	15	16	17	17	17	17	17	16	15	14	15	16	16	16	16	16	15	15	15	16
21	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15	15	16	16	16	16	16	15
22	17	17	17	17	18	18	18	19	22	23	20	19	20	22	22	****	16	16	15	14	19	21	16	16	18
23	18	19	19	19	20	18	19	20	25	25	24	23	19	19	19	20	20	20	****	20	19	19	19	19	20
24	18	19	19	17	17	18	19	18	19	16	16	15	15	15	15	15	14	14	14	14	14	15	15	15	16
25	15	15	15	15	15	15	15	16	16	16	16	17	17	17	17	17	15	16	16	15	16	16	16	16	16
26	15	15	14	15	14	15	15	15	15	15	15	16	16	16	15	15	16	16	17	17	16	16	16	17	16
27	19	19	18	19	18	23	25	25	21	21	22	22	20	19	19	20	20	22	22	22	22	25	25	25	21
28	26	24	21	19	25	33	34	30	28	25	22	19	19	18	17	17	18	19	18	17	17	18	16	16	22
29	16	18	19	19	20	20	19	20	23	24	23	20	21	21	21	22	23	22	21	20	19	19	18	17	20
30	15	15	15	15	14	14	14	15	15	15	16	17	17	18	16	20	25	23	22	22	22	22	22	23	18
31	22	22	22	22	23	24	23	23	24	23	22	22	21	20	16	15	16	18	18	18	18	17	17	-	20
MEAN	17	17	16	16	16	17	17	17	18	19	18	17	17	17	17	17	18	18	17	18	17	18	17	17	17.2

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	15.6	20	27
FEB	29	14.3	22	29
MAR	31	15.7	22	61
APR	28	11.6	17	24
MAY	31	12.5	20	32
JUN	30	12.3	20	39
JUL	31	12.6	16	31
AUG	29	14.5	22	35
SEP	30	15.2	20	33
OCT	30	14.4	18	27
NOV	29	15.4	20	31
DEC	31	17.2	22	34
YEAR	360	14.3	22	61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	682	50	0	0	0	0	0	732
FEB	97	525	50	0	0	0	0	0	672
MAR	80	557	93	6	1	0	0	0	737
APR	196	467	17	0	0	0	0	0	680
MAY	210	491	33	1	0	0	0	0	735
JUN	278	382	46	3	0	0	0	0	709
JUL	207	488	41	1	0	0	0	0	737
AUG	90	538	69	2	0	0	0	0	699
SEP	27	621	64	1	0	0	0	0	713
OCT	43	638	41	0	0	0	0	0	722
NOV	50	557	90	1	0	0	0	0	698
DEC	29	508	172	4	0	0	0	0	713
YEAR	1307	6454	766	19	1	0	0	0	8547

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.3	0	9.1	11.8	13.6	15.3	18.8	21.0	23.8	25.6	61	14.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	22	19	17	17	16	13	13	15	14	14	14	14	15	15	15	15	15	15	15	14	14	15	15	16
2	14	14	13	14	14	14	16	16	14	14	16	15	16	16	15	16	17	15	16	15	14	14	13	13	15
3	13	13	13	13	13	13	13	15	16	14	14	14	13	14	23	16	15	15	15	13	14	16	13	13	14
4	12	12	12	12	13	14	15	21	17	14	13	12	11	12	11	12	12	12	12	12	12	11	12	12	13
5	11	12	11	11	****	13	12	12	12	12	13	12	11	11	12	13	14	16	16	16	18	14	13	12	13
6	12	14	18	13	17	22	25	24	18	14	12	12	12	11	11	11	11	11	11	11	11	11	11	12	14
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8	12	11	11	11	11	11	12	14	14	14	13	13	13	13	13	13	14	14	14	14	12	12	13	12	13
9	12	11	11	12	12	12	13	15	15	15	14	13	13	13	****	15	16	15	16	15	14	14	15	16	14
10	16	15	14	14	14	15	19	21	27	22	15	14	13	13	13	13	13	13	13	13	13	13	13	14	15
11	14	14	14	13	13	13	14	15	15	14	13	13	13	13	14	15	15	14	14	14	13	13	13	13	14
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16	14	13	13	14	13	13	13	13	14	13	13	13	13	13	13	13	13	****	13	13	13	13	13	14	13
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18	16	16	16	16	16	16	17	20	19	18	19	19	28	19	20	19	17	17	17	16	15	15	15	15	18
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25	17	17	17	16	16	16	20	22	25	27	27	23	18	17	18	17	17	19	17	16	18	17	16	16	19
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31	13	12	12	12	12	12	13	15	16	15	14	14	14	14	14	13	16	15	15	14	13	13	13	13	14
MEAN	14	14	14	13	14	14	15	16	16	15	15	14	14	14	15	14	15	15	15	14	14	14	14	14	14.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	12	12	12	13	16	15	14	13	14	13	13	13	13	14	14	14	14	13	13	12	13	13
2	12	12	12	12	12	12	12	12	13	13	14	14	13	13	14	14	13	13	13	13	14	****	12	13	13
3	13	13	12	12	12	12	12	12	12	12	13	12	12	12	13	13	12	13	13	12	12	12	13	12	12
4	12	12	12	12	12	12	13	16	15	****	****	13	13	13	13	13	14	14	14	13	13	13	13	13	13
5	13	13	12	12	12	13	15	20	18	15	****	****	****	****	12	12	-	-	13	13	20	14	13	12	14
6	12	11	12	16	21	16	12	11	11	11	11	10	10	10	10	10	11	11	11	11	15	14	13	13	12
7	11	11	11	12	12	13	12	14	17	14	12	12	11	11	12	12	13	13	13	13	12	12	11	12	12
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9	11	11	11	11	11	10	11	11	12	13	13	12	12	12	11	12	13	12	12	11	12	11	11	12	12
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13	12	13	13	14	14	14	15	17	18	17	16	14	15	14	****	****	14	13	14	14	14	14	14	14	14
14	15	14	12	13	13	14	15	18	18	17	15	13	13	13	12	12	13	14	14	15	14	15	15	18	14
15	18	16	16	15	17	16	17	18	17	16	16	13	14	14	11	****	10	10	****	10	10	10	****	16	14
16	19	13	11	11	12	11	14	12	11	11	12	11	11	12	13	12	12	13	11	11	11	11	12	12	12
17	12	13	13	13	14	13	13	14	14	11	11	11	11	11	10	10	10	10	11	11	11	11	11	12	12
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19	12	12	12	12	12	12	13	15	15	15	17	15	16	****	18	16	17	18	22	19	27	24	20	17	16
20	15	14	14	15	14	14	15	16	16	15	15	15	17	21	23	22	25	26	25	26	25	23	23	22	19
21	20	19	18	16	15	15	16	22	22	19	19	19	16	18	17	15	15	14	13	13	13	13	13	13	16
22	13	13	13	13	13	13	13	14	14	14	14	14	****	13	13	14	14	15	17	18	19	16	15	15	14
23	14	15	14	14	14	13	14	14	15	15	15	14	14	14	14	15	15	16	16	16	17	16	15	15	15
24	16	16	16	16	15	15	15	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15
25	15	15	15	14	14	14	16	19	17	15	15	****	****	13	14	15	14	14	15	14	14	14	17	14	15
26	13	13	13	13	12	12	14	15	16	14	14	14	13	12	****	14	14	15	14	15	14	14	14	13	14
27	13	13	13	13	13	14	****	17	18	15	15	14	14	14	12	13	14	14	14	14	14	14	14	14	14
28	13	13	12	12	13	12	14	17	16	14	14	14	13	13	13	14	14	15	15	14	13	14	14	14	14
29	13	13	12	13	12	13	14	15	15	15	14	14	14	14	14	14	16	14	14	14	14	15	14	15	14
MEAN	13	13	13	13	13	13	14	15	15	14	14	13	13	13	13	13	14	14	14	14	14	14	14	14	13.8

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	13	13	13	13	14	14	14	14	13	13	13	14	13	14	14	14	14	13	15	13	13	14
2	13	15	14	13	58	14	14	14	14	14	13	13	13	13	13	13	14	14	14	14	14	13	13	14	15
3	14	15	15	15	16	18	19	21	17	16	15	15	15	15	15	16	****	15	15	15	15	15	15	15	16
4	16	16	16	15	15	15	17	18	19	16	15	16	16	16	16	17	17	17	18	22	22	21	26	17	17
5	15	14	14	14	15	15	14	15	16	15	14	14	15	17	28	26	19	15	14	13	13	13	13	13	16
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15	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	15	14	14	14	14	14	14
16	14	16	23	20	19	15	13	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12	13	13	14
17	14	14	14	14	15	15	23	35	24	16	15	15	15	15	16	15	16	19	17	18	17	15	13	13	17
18	13	13	12	12	12	12	13	13	13	13	13	14	13	****	15	14	14	14	14	15	15	17	16	15	14
19	17	18	19	18	20	21	17	17	15	16	17	17	16	16	15	15	15	16	17	16	15	15	15	16	17
20	19	17	18	18	16	16	19	20	19	18	17	16	16	****	16	16	16	16	15	17	17	15	15	16	17
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23	14	14	14	14	14	13	14	14	14	15	15	15	14	14	14	14	15	15	15	13	13	13	13	13	14
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25	13	13	12	12	12	12	12	14	15	13	13	13	13	13	13	13	14	15	14	13	13	13	13	13	13
26	14	13	13	12	12	12	14	16	17	15	14	14	14	14	5	****	15	19	21	16	15	14	14	13	14
27	13	14	13	12	13	14	16	16	17	14	12	12	11	11	11	11	11	11	13	14	13	12	11	11	13
28	11	12	12	24	20	17	15	16	17	14	13	13	13	13	13	13	13	15	17	20	21	16	14	14	15
29	14	15	15	17	12	12	12	12	12	12	12	12	12	12	12	12	12	13	15	17	13	13	13	13	13
30	14	13	12	12	12	12	12	11	12	12	12	11	11	11	11	11	12	12	11	11	12	11	12	11	12
31	11	11	11	11	11	11	11	11	11	11	11	21	12	13	13	12	12	12	12	13	13	13	21	15	13
MEAN	14	14	14	14	15	14	14	16	16	14	14	14	14	14	14	15	14	14	15	15	15	14	14	14	14.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	15	16	16	19	22	21	18	-	13	13	13	13	13	13	14	15	15	17	15	16	18	18	16
2	18	18	19	20	21	22	22	18	16	15	14	14	13	13	14	15	16	16	16	15	14	14	14	13	16
3	14	14	14	16	17	19	22	20	15	13	12	12	-	11	13	13	13	13	13	13	13	13	13	12	14
4	13	13	13	13	13	13	13	14	15	16	16	17	17	17	17	16	14	13	13	14	13	13	13	13	14
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6	14	14	14	14	14	13	14	13	13	12	12	12	12	12	12	12	12	12	13	13	13	12	13	13	13
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9	13	13	13	13	13	15	15	17	15	14	14	14	22	12	13	13	****	****	****	****	****	****	****	****	14
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	18	19	19	18	18	20	20	20	20	******
11	19	18	17	17	17	16	17	19	18	18	18	18	14	16	14	14	19	15	16	18	18	17	15	15	17
12	15	15	13	13	14	14	15	15	15	14	14	15	16	16	17	18	18	16	14	13	13	12	12	12	15
13	12	12	12	12	12	11	11	11	11	11	12	12	12	12	12	13	13	13	12	12	11	12	14	12	12
14	12	12	13	11	10	10	11	11	11	11	10	10	11	10	11	11	11	11	11	12	12	13	14	15	11
15	14	12	12	12	12	13	15	15	15	13	13	13	****	17	22	22	22	21	21	20	20	19	18	18	16
16	17	16	16	15	15	16	16	18	17	16	16	16	16	16	16	16	17	17	17	17	17	18	23	19	17
17	18	18	17	17	19	19	22	23	21	19	18	19	19	18	****	18	21	20	22	21	22	22	20	19	20
18	19	18	18	18	18	19	21	22	20	19	18	18	17	17	16	19	20	20	20	21	22	20	20	19	19
19	20	20	20	21	22	22	22	21	18	19	18	19	19	19	19	19	19	19	20	21	20	19	18	18	20
20	19	24	21	18	18	23	20	19	18	18	17	17	17	16	16	16	16	16	16	17	17	17	17	17	19
21	16	16	16	16	15	15	17	18	18	18	18	17	16	24	13	14	15	15	16	16	16	-	-	20	17
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24	15	14	14	14	14	15	15	15	16	15	14	14	14	14	13	14	14	14	15	15	17	18	18	17	15
25	15	16	15	15	15	15	17	18	17	14	13	13	12	13	12	15	15	14	16	17	25	33	16	17	16
26	15	16	17	17	15	15	15	15	14	13	13	13	13	13	12	13	13	14	17	20	21	23	19	18	16
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30	18	18	18	20	16	15	16	16	17	16	16	17	15	16	14	16	15	16	17	-	22	22	21	24	17
MEAN	15	15	15	15	15	15	16	16	15	14	14	14	14	14	14	15	15	15	15	16	16	16	16	16	15.1

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	19	19	19	22	26	22	19	15	15	15	15	17	18	-	21	****	18	21	21	16	15	16	18
2	14	14	13	13	15	18	19	17	15	15	14	17	17	15	15	14	15	15	15	16	18	19	21	19	16
3	23	21	21	24	22	21	18	20	17	15	15	15	15	16	15	15	15	13	14	13	14	14	14	14	17
4	15	14	14	14	14	13	14	14	14	13	13	14	14	14	14	14	14	13	13	13	14	14	14	14	14
5	13	13	13	13	13	15	16	18	17	16	15	16	17	21	13	14	14	13	14	13	13	13	13	12	15
6	13	12	12	12	12	14	14	14	14	14	14	14	13	13	13	13	13	13	14	14	14	14	16	13	13
7	14	14	16	14	14	14	17	18	15	14	14	14	12	13	14	14	13	13	12	12	12	12	12	12	14
8	12	12	11	12	11	12	13	13	12	12	12	13	15	14	14	14	14	13	13	12	12	12	12	11	13
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10	12	12	12	13	13	13	14	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	13	12
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12	12	13	14	16	16	18	19	18	12	11	11	11	11	10	11	11	11	11	11	14	16	16	15	16	14
13	14	14	13	14	14	15	15	16	19	19	14	13	12	9	12	14	13	13	13	14	15	15	14	14	14
14	17	13	13	12	12	14	15	14	14	14	14	13	13	13	14	14	14	14	14	14	14	14	14	-	14
15	12	12	12	12	13	13	15	14	13	13	12	13	****	****	****	13	12	12	13	14	14	13	14	13	13
16	13	12	11	11	11	16	19	18	14	13	12	14	15	14	13	13	13	14	14	17	18	22	30	29	16
17	29	20	16	16	22	19	15	13	13	12	12	13	12	12	12	12	11	11	12	14	12	****	****	****	15
18												- DATA INVALID -													
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	13	12	12	12	13	15	22	24	26	******
21	25	22	19	19	16	16	18	16	16	14	14	14	14	16	18	18	17	15	15	15	17	18	19	20	17
22	16	13	12	12	13	15	17	19	15	14	13	15	17	16	16	17	17	18	15	16	18	20	20	20	16
23	19	18	18	20	21	24	32	35	23	29	19	17	18	18	17	18	18	18	20	23	26	29	20	15	21
24	15	15	15	15	15	15	16	16	17	16	15	15	15	15	15	14	14	14	14	15	15	14	13	14	15
25	15	14	13	13	13	12	12	12	12	12	12	12	12	12	12	12	13	12	12	12	13	10	****	****	12
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27	14	****	14	14	14	16	17	17	16	16	15	14	14	14	14	14	14	14	15	15	14	14	14	14	15
28	14	14	13	14	14	16	18	19	16	13	11	13	13	13	13	13	14	13	14	13	15	15	16	18	14
29	21	18	16	15	19	19	15	14	14	13	13	13	13	13	12	12	13	13	12	12	13	13	12	13	14
30	13	13	13	13	13	13	14	14	14	16	16	16	26	****	16	16	17	17	16	16	16	15	15	14	15
31	14	14	13	13	14	15	15	15	15	15	15	14	15	15	15	14	14	13	13	13	13	13	14	14	14
MEAN	15	14	14	14	15	16	16	16	15	14	14	14	14	14	14	14	14	13	14	14	15	15	16	16	14.6

PERCENTAGE OF DATA VALID - 89.9 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	14	13	13	13	13	13	14	13	14	14	14	14	14	14	14	14	14	14	14	13	13	14	14
2	5	5	5	5	5	5	5	5	5	****	****	18	18	16	39	18	13	15	15	16	16	16	17	16	13
3	15	16	15	15	14	16	17	18	18	17	16	16	15	14	15	15	15	15	14	15	14	14	14	14	15
4	14	14	14	14	14	15	17	16	15	15	14	15	14	14	14	14	14	14	14	14	15	15	15	15	15
5	15	15	15	15	15	16	21	16	14	14	14	13	13	14	13	14	14	14	14	14	14	14	14	15	15
6	16	15	14	15	15	14	14	15	14	14	15	15	14	14	14	14	14	14	14	14	14	17	16	16	15
7	16	15	15	15	15	16	16	16	16	17	16	16	16	17	18	19	18	17	17	17	16	16	16	16	16
8	18	20	17	15	15	14	14	14	14	13	13	13	13	14	13	13	13	13	13	13	14	13	13	13	14
9	13	13	13	14	16	16	17	17	15	14	14	13	13	14	14	15	14	14	15	15	14	15	14	14	14
10	14	14	13	12	13	13	14	14	13	13	13	13	10	12	13	13	13	13	13	13	13	13	12	12	13
11	13	13	12	12	12	14	15	15	13	13	14	14	15	15	16	17	15	15	16	16	24	21	18	20	16
12	25	26	27	27	25	25	23	21	18	17	16	16	16	15	14	13	13	13	13	14	14	14	16	16	18
13	17	19	19	20	22	23	22	21	19	19	17	16	15	14	14	14	15	15	16	16	19	19	19	19	18
14	19	20	23	23	24	25	20	18	****	****	19	17	16	16	16	17	17	17	17	19	21	18	16	16	19
15	18	16	29	36	20	20	19	20	17	16	16	16	15	13	13	13	13	12	13	13	13	13	13	13	17
16	13	14	14	14	13	13	14	14	13	14	****	13	13	13	****	13	13	13	14	14	15	15	14	14	14
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18	17	17	17	17	17	18	20	19	18	17	15	15	15	15	15	14	14	14	14	14	14	16	14	14	16
19	16	16	16	15	18	22	16	14	13	13	13	13	12	23	13	13	13	13	13	13	16	16	16	15	15
20	15	15	15	13	13	13	14	14	13	14	14	14	14	13	14	15	15	14	15	15	16	15	18	20	15
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23	12	12	12	12	13	13	14	14	14	15	15	17	20	16	15	16	15	15	15	16	16	17	22	21	15
24	18	20	18	20	25	28	24	24	23	21	19	19	17	23	16	17	-	18	19	22	20	23	26	24	21
25	21	19	19	20	20	22	25	23	19	20	21	20	18	16	16	17	16	16	17	****	17	19	17	17	19
26	17	18	21	20	21	21	19	20	18	18	17	16	15	15	15	17	14	14	13	13	13	14	15	19	17
27	21	20	17	15	15	15	16	16	16	16	14	14	16	14	14	14	14	14	13	15	13	15	14	13	15
28	13	16	14	12	12	13	13	12	12	13	12	12	12	12	12	12	11	11	12	12	12	12	12	12	12
29	12	12	13	36	17	13	13	13	13	12	12	12	12	12	12	13	13	14	13	14	17	18	16	15	14
30	13	12	12	12	12	12	13	13	13	13	14	14	21	14	14	14	13	14	14	14	14	13	14	13	13
MEAN	16	16	16	17	16	17	17	16	15	15	15	15	15	15	15	15	14	14	14	15	15	16	16	16	15.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	14	15	14	16	16	15	14	13	14	14	13	13	13	14	14	14	14	16	17	17	15	15	14
2	16	16	16	17	19	20	28	19	15	13	14	13	14	14	14	15	14	14	14	14	15	15	14	14	16
3	13	14	14	14	14	15	18	16	15	13	22	13	14	16	16	16	16	16	18	18	17	18	22	22	16
4	21	18	18	17	17	19	18	16	15	14	14	14	14	14	15	15	16	18	17	17	16	16	16	16	16
5	18	18	18	22	16	16	15	15	15	15	16	16	16	16	15	14	14	13	13	13	13	13	14	13	15
6	12	12	12	12	12	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	15	17	27	15	13
7	15	14	14	15	15	17	20	20	22	19	16	14	****	****	13	14	14	13	14	16	17	16	14	13	16
8	12	13	13	14	14	15	40	21	17	18	17	15	14	14	14	15	15	14	14	14	14	13	14	13	16
9	13	13	13	12	14	13	17	16	12	12	12	14	14	11	14	16	14	14	15	16	17	19	23	27	15
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12	12	12	14	14	15	15	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	13	13	13	13
13	13	13	13	13	14	14	13	12	12	12	12	12	12	13	13	13	13	13	13	13	15	14	13	15	13
14	17	16	22	22	24	29	25	19	18	16	15	15	15	14	13	13	14	14	14	15	16	18	19	17	18
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19	15	14	14	15	15	17	17	15	14	13	14	14	14	14	14	14	14	13	13	13	15	15	13	15	14
20	18	18	18	19	17	16	14	14	14	14	14	13	13	13	14	15	14	15	15	15	16	21	16	14	15
21	13	12	12	12	12	12	16	16	15	14	14	14	13	****	14	15	14	14	14	14	15	14	14	14	14
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23	12	13	12	12	12	12	13	13	13	12	12	13	13	****	12	19	20	14	14	14	14	14	14	13	13
24	14	14	13	13	14	16	17	16	14	13	13	13	13	14	13	14	14	13	14	15	16	15	17	19	14
25	16	14	14	14	14	15	17	17	15	16	16	15	13	13	14	14	14	15	14	13	14	14	14	14	15
26	14	15	15	15	14	18	18	16	14	13	13	13	13	14	14	14	14	14	15	16	16	17	16	16	15
27	15	14	14	14	21	25	26	24	16	13	13	13	13	13	13	13	13	13	13	13	14	14	13	13	15
28	12	12	12	12	12	13	13	13	13	13	13	13	-	****	-	-	-	-	-	-	-	-	-	-	******
29	14	15	16	16	14	15	17	15	15	14	14	16	16	15	14	14	13	14	14	14	14	17	17	17	15
30	17	17	17	16	14	13	14	13	13	12	13	12	12	12	12	12	13	13	13	14	16	17	15	15	14
31	14	14	14	16	16	16	18	18	15	13	12	12	12	****	13	12	12	12	12	13	13	12	12	12	14
MEAN	15	15	15	16	16	17	18	16	15	14	14	14	14	14	14	14	14	14	14	15	15	16	16	15	15.0

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	13	14	24	25	22	19	21	21	18	16	16	15	14	14	14	14	13	14	14	18	19	18	17	17
2	15	14	13	13	13	15	16	15	14	15	14	13	13	12	13	13	14	14	13	13	12	13	14	13	14
3	13	14	15	16	15	15	16	14	14	13	12	13	13	13	13	13	14	13	13	13	13	13	13	13	14
4	13	13	15	13	15	17	17	14	13	13	12	12	12	11	12	11	11	11	11	12	12	12	11	11	13
5	12	13	14	12	12	12	12	13	13	14	****	17	16	16	16	16	17	17	17	15	17	16	16	15	15
6	15	15	16	15	17	17	17	17	16	16	14	13	13	13	13	13	13	13	13	15	16	18	20	16	15
7	15	15	15	15	16	17	18	17	16	15	14	13	13	12	****	17	16	-	16	15	15	15	16	15	15
8	15	18	20	22	27	26	23	20	19	18	17	17	17	18	18	17	15	16	15	16	14	15	17	16	18
9	****	15	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	16	15	15	15	15	15
10	15	14	14	15	****	****	16	16	15	13	13	13	13	13	13	13	13	14	14	14	14	14	15	25	15
11	20	17	17	15	16	18	18	17	15	14	13	13	13	13	13	13	****	14	14	14	13	13	13	16	15
12	15	14	14	14	14	15	17	18	17	16	16	15	****	****	20	15	15	15	16	16	15	14	14	14	15
13	14	14	14	14	15	17	20	18	15	15	14	15	****	15	16	16	15	****	18	16	17	17	20	21	16
14	32	22	16	15	14	14	16	16	17	16	18	17	16	16	16	15	15	15	16	16	15	16	15	13	17
15	13	14	13	13	13	14	15	15	14	14	14	14	14	15	22	15	15	15	15	15	14	14	14	13	14
16	14	14	15	14	14	14	14	14	14	15	15	14	14	14	14	14	15	14	14	15	15	15	14	14	14
17	15	15	15	18	19	21	22	17	15	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	15
18	12	12	13	13	13	13	15	14	13	14	13	13	13	13	14	13	13	13	13	14	15	14	15	17	14
19	24	21	20	23	29	28	****	32	22	18	16	15	15	14	14	14	15	16	15	15	16	15	14	15	19
20	16	16	16	17	22	25	24	16	14	13	12	13	13	13	13	13	13	12	13	13	13	13	14	12	15
21	13	13	-	****	12	12	12	12	12	12	12	12	12	11	12	12	12	12	11	11	12	11	11	12	12
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25	26	24	22	20	23	24	34	43	28	24	16	17	18	15	14	13	13	13	14	14	16	15	18	19	20
26	18	16	15	18	18	17	19	-	19	15	14	12	22	14	14	14	15	15	16	16	16	15	14	15	16
27	16	17	17	17	17	19	20	18	17	17	16	15	14	13	15	15	15	15	15	15	16	15	14	13	16
28	13	13	12	12	12	13	13	13	13	13	13	13	13	12	12	12	11	11	11	11	12	11	11	11	12
29	11	13	12	11	15	20	18	14	13	12	12	12	10	11	12	12	12	12	12	13	12	12	13	12	13
30	12	16	17	16	15	17	20	17	15	15	20	15	14	15	16	15	16	15	16	16	17	16	17	17	16
31	17	17	17	18	18	18	17	15	15	15	15	14	14	14	14	14	15	15	15	14	16	17	15	15	16
MEAN	16	15	15	16	16	17	17	17	15	15	14	14	14	13	14	14	14	14	14	15	15	15	15	14.9	

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	15	15	14	14	15	14	14	14	14	15	15	15	14	14	14	14	14	15	14	14	13	13	14
2	13	12	13	14	14	15	15	18	19	18	17	19	17	17	14	13	13	13	13	15	15	15	15	15	15
3	15	15	14	13	13	14	15	15	15	13	13	12	13	19	12	12	12	12	14	14	14	14	16	16	14
4	19	25	33	35	32	32	25	17	13	12	12	12	12	13	13	11	12	12	14	-	16	16	16	16	18
5	15	14	13	14	15	18	17	15	14	13	14	13	12	12	12	12	12	12	13	13	15	15	17	18	14
6	17	16	16	15	14	14	15	14	13	13	16	13	12	12	13	13	13	12	13	13	13	13	14	13	14
7	13	13	13	14	15	15	14	13	13	12	12	12	12	12	12	12	12	12	12	12	13	14	13	13	13
8	13	13	15	15	16	20	28	27	19	17	15	13	14	13	12	12	12	12	12	13	12	12	13	14	15
9	13	12	13	14	17	22	22	20	20	17	17	16	16	33	15	14	13	13	13	12	12	12	12	13	16
10	13	13	13	13	13	15	17	16	15	13	13	12	12	13	12	12	12	12	12	13	14	16	14	14	13
11	15	16	15	15	19	19	19	18	16	14	13	13	13	13	12	13	13	13	14	14	14	15	15	14	15
12	13	35	17	14	13	13	14	13	13	13	12	12	20	11	12	12	11	12	14	13	16	15	16	14	14
13	14	13	13	13	13	13	13	13	13	13	13	12	12	13	13	13	13	13	13	13	13	13	13	13	13
14	14	15	16	17	16	18	20	20	18	17	14	12	11	12	12	12	13	12	13	13	13	13	13	13	14
15	13	13	13	13	13	13	15	-	14	14	13	12	12	12	12	12	11	11	13	15	17	17	16	13	13
16	12	12	12	15	17	16	13	13	13	13	9	13	13	13	13	13	13	13	13	14	13	12	13	13	13
17	13	13	13	13	13	14	14	14	14	14	15	13	13	14	14	14	14	14	15	15	14	14	16	17	14
18	16	15	15	15	15	15	17	18	14	15	16	17	15	14	14	14	14	14	15	15	15	15	15	13	15
19	13	15	16	17	18	18	21	20	16	15	13	12	11	****	12	12	12	12	13	13	13	12	12	12	14
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21	12	12	12	14	13	12	12	12	11	11	12	12	12	12	12	13	14	14	15	15	15	13	12	12	13
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23	13	12	12	12	13	14	16	16	15	15	15	15	15	15	****	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	22	14	14	14	15	15	15	38	34	24	******
25	21	23	41	26	22	22	46	41	30	19	19	17	15	15	15	16	16	15	15	16	15	15	18	20	22
26	24	20	18	17	16	16	17	17	16	15	15	15	15	13	14	14	14	13	14	14	14	14	15	15	16
27	15	16	14	14	15	-	15	16	15	15	14	14	13	14	13	14	14	13	14	14	14	14	15	15	14
28	16	17	17	16	15	16	16	15	13	12	12	12	13	13	12	12	12	13	14	14	14	14	13	13	14
29	16	13	12	12	11	12	12	14	13	13	12	12	12	11	12	12	13	14	14	15	14	17	32	38	15
30	36	37	34	25	26	30	44	46	33	28	24	21	14	16	16	-	16	17	18	17	18	18	17	19	25
MEAN	15	16	16	16	16	17	19	18	16	15	14	14	14	14	13	13	13	13	14	14	14	15	16	15	15.0

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	20	15	15	16	18	17	17	16	15	14	14	14	14	14	14	14	14	14	14	14	14	14	15
2	12	12	12	11	12	12	13	15	13	13	13	13	****	14	15	16	16	15	16	17	17	16	16	16	14
3	15	15	15	15	15	15	24	19	16	13	12	12	12	13	****	****	****	****	****	****	****	****	****	****	******
4												-	DATA INVALID -												
5												-	DATA INVALID -												
6												-	DATA INVALID -												
7	****	****	****	****	****	****	****	****	****	****	****	****	****	15	15	15	14	14	14	16	18	19	18	19	******
8	16	16	16	16	15	15	16	16	17	15	14	13	14	13	13	13	13	12	12	12	12	12	12	11	14
9	11	11	11	11	11	13	14	15	14	11	12	12	12	12	12	12	12	13	14	14	14	14	15	15	13
10	14	14	14	16	18	22	30	34	19	13	12	11	****	12	12	11	11	12	12	12	12	12	13	16	15
11	19	33	27	22	20	18	20	20	17	16	15	15	15	14	14	13	13	13	13	13	13	13	13	13	17
12	12	12	12	12	11	11	12	12	12	12	12	13	13	14	14	14	13	13	13	13	14	13	13	13	13
13	14	14	14	13	13	13	13	13	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12
14	11	11	11	11	12	13	19	18	14	13	12	12	11	11	13	13	14	15	17	17	16	13	12	12	13
15	12	12	13	15	14	17	14	13	12	12	12	11	10	10	10	10	11	11	10	11	11	15	26	18	13
16	39	39	****	****	****	****	****	****	****	****	****	18	14	11	13	13	14	13	12	12	12	13	13	12	******
17	12	17	13	13	14	15	16	16	29	39	26	14	14	14	15	17	16	15	14	14	14	12	13	53	18
18	52	63	12	13	17	13	14	13	12	12	12	12	12	12	12	12	12	46	12	9	9	9	9	9	17
19	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
20	9	9	9	9	9	9	9	9	9	9	9	9	9	9	****	****	****	****	****	****	****	****	****	****	******
21												-	DATA INVALID -												
22	****	****	****	****	****	****	****	****	13	12	12	13	12	11	13	13	13	13	14	52	15	14	13	12	15
23	11	11	11	12	13	15	19	28	34	32	29	30	28	-	44	26	20	19	20	21	20	18	16	16	21
24	15	15	15	15	16	16	16	16	16	16	16	15	7	8	8	7	7	7	7	7	7	7	7	7	11
25	7	7	7	7	7	7	7	7	7	7	-	7	7	7	7	7	8	9	8	8	8	7	7	7	7
26	7	7	7	7	7	6	7	7	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7
27	7	7	7	7	7	6	7	8	8	8	7	-	15	-	15	16	17	-	18	18	19	18	18	18	12
28	18	18	18	17	17	16	19	20	19	17	16	16	15	15	15	16	17	16	16	16	15	16	15	15	17
29	15	15	15	14	14	14	66	17	17	16	15	15	15	15	16	17	18	19	19	19	18	17	17	16	18
30	16	15	15	16	16	16	16	18	18	18	16	16	16	13	15	15	16	17	16	15	15	15	15	15	16
31	15	15	15	15	15	15	16	16	17	16	16	15	15	14	14	14	15	15	16	16	15	15	14	13	15
MEAN	15	17	13	13	13	13	17	16	15	14	14	13	13	12	14	13	13	15	13	15	13	13	13	15	14.0

PERCENTAGE OF DATA VALID - 79.4 PERCENTAGE OF DATA INVALID - 19.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	14	14	14	14	13	13	13	14	14	13
2	14	13	13	13	14	13	14	14	13	13	13	13	13	14	13	14	14	15	18	19	22	22	20	21	15
3	20	19	18	-	15	14	15	15	14	14	14	14	14	-	13	14	14	16	18	20	16	17	16	17	16
4	16	15	14	14	14	14	14	15	14	14	13	13	13	14	14	15	15	15	14	15	13	13	13	12	14
5	12	12	13	13	12	12	13	15	15	14	14	14	13	13	13	14	14	15	14	15	15	15	15	14	14
6	15	15	15	14	14	14	15	26	16	15	14	14	14	14	14	-	15	16	2	15	16	15	15	16	15
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10	13	13	13	13	12	12	13	15	14	15	16	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11	- DATA INVALID -																								
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	19	20	23	25	25	24	23	24	24	25	******
13	25	26	26	24	22	22	22	24	25	25	25	26	26	28	29	27	25	29	30	35	55	46	38	32	29
14	31	28	****	25	24	22	21	22	23	22	22	22	21	22	22	22	23	23	22	20	20	21	22	21	23
15	21	21	23	23	22	22	23	25	24	24	23	21	21	21	21	****	****	****	****	****	****	****	****	****	******
16	- DATA INVALID -																								
17	- DATA INVALID -																								
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	22	21	21	21	******
19	21	20	21	21	22	22	23	25	25	23	23	23	24	24	21	21	22	23	23	22	21	20	21	23	22
20	22	22	22	25	24	22	25	30	28	24	23	23	23	21	21	21	23	24	23	23	22	21	22	22	23
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22	18	18	17	17	17	18	20	23	21	19	19	19	19	19	19	19	19	21	22	21	20	21	22	23	20
23	22	22	22	21	21	21	22	21	21	21	21	20	21	21	21	21	21	20	22	20	20	20	22	24	21
24	23	24	24	23	22	21	26	36	47	32	26	26	24	23	24	23	24	24	23	22	21	20	19	19	25
25	18	17	17	17	17	17	18	17	2	5	19	18	18	14	18	18	20	20	19	20	20	20	21	22	17
26	21	20	20	20	21	21	24	27	26	26	23	21	18	18	19	19	23	25	31	34	34	30	28	24	
27	-	21	24	26	22	19	18	18	18	17	17	16	16	****	16	16	16	16	16	16	17	16	16	16	18
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30	17	17	16	16	16	16	16	16	16	16	16	16	16	17	17	18	17	18	17	17	18	18	19	19	17
MEAN	18	18	18	18	18	17	18	20	19	18	18	18	18	18	18	18	19	19	19	20	21	20	20	19	18.7

PERCENTAGE OF DATA VALID - 81.4 PERCENTAGE OF DATA INVALID - 18.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	20	21	20	19	22	24	24	24	22	21	19	19	22	20	23	21	20	30	35	38	37	29	24
2	23	20	17	17	17	17	18	18	19	20	19	18	18	20	19	20	20	20	18	18	17	15	15	16	18
3	16	16	17	18	18	18	19	22	22	20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4	****	****	****	****	****	****	****	****	****	****	19	22	20	19	19	20	22	24	21	20	20	-	20	19	******
5	22	23	31	26	26	23	21	30	28	22	18	17	17	17	****	17	17	19	26	56	36	30	29	28	25
6	28	36	36	45	36	36	30	29	24	22	20	19	18	17	17	17	17	17	17	18	19	20	20	18	24
7	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	19	22	24	28	31	35	37	40	21
8	42	42	36	32	33	44	31	32	36	32	32	29	25	23	21	30	25	23	21	20	20	19	19	19	29
9	18	17	17	17	17	18	21	23	25	22	20	20	22	21	19	18	18	18	24	26	-	-	23	23	20
10	21	21	21	21	20	19	20	23	22	21	20	20	19	19	18	19	****	****	18	18	18	19	19	19	20
11	19	18	18	18	18	20	24	28	27	22	20	19	19	19	20	20	20	20	20	20	-	-	-	21	20
12	20	19	19	19	18	19	22	29	26	22	21	19	19	19	20	23	36	33	****	****	****	****	****	****	22
13	- DATA INVALID -																								
14	- DATA INVALID -																								
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	22	23	29	****	20	23	28	28	22	******
16	20	19	18	17	18	18	19	21	23	23	23	22	21	20	21	21	22	22	22	22	21	19	19	19	20
17	18	18	18	17	17	18	19	23	26	30	27	30	26	22	20	20	20	20	20	18	****	18	18	18	21
18	17	17	16	16	16	17	17	18	17	17	17	16	16	17	16	18	18	17	18	17	17	-	-	-	17
19	16	16	16	16	16	16	17	19	19	19	19	19	-	-	17	18	19	20	21	21	21	20	19	19	18
20	19	19	19	20	19	21	21	23	25	26	22	21	20	19	19	19	19	19	20	22	20	20	19	19	20
21	18	19	19	18	18	18	19	19	19	18	18	18	18	17	17	17	17	18	18	19	19	19	19	19	18
22	19	19	19	20	21	21	23	26	26	27	26	24	25	23	24	22	22	22	19	18	19	19	19	20	22
23	21	21	22	23	24	24	25	28	28	28	26	24	23	****	19	20	20	20	****	20	20	19	19	19	22
24	19	19	18	18	18	18	19	22	22	19	18	18	18	18	18	19	19	20	19	20	20	23	19	18	19
25	20	21	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	7	13	17	11	6	10	******
26	16	16	15	14	15	15	15	15	15	16	17	17	17	17	17	17	17	18	19	19	18	17	17	18	17
27	18	20	21	21	23	25	40	35	29	23	21	20	18	17	17	17	17	21	21	17	20	18	19	24	22
28	37	33	28	30	47	30	26	26	29	24	23	19	19	19	19	19	19	19	21	21	22	20	21	20	25
29	20	19	20	21	41	22	19	24	28	23	23	****	21	24	26	25	25	24	22	22	22	21	20	19	23
30	18	18	17	18	18	18	18	19	19	19	19	20	19	19	20	20	22	22	20	21	20	19	19	19	19
31	19	18	26	32	25	24	20	20	22	21	27	17	17	17	16	17	17	17	17	17	17	17	17		20
MEAN	21	21	21	21	22	21	22	24	24	22	21	20	20	19	19	20	21	20	20	22	21	21	21	21	21.0

PERCENTAGE OF DATA VALID - 83.1 PERCENTAGE OF DATA INVALID - 15.3 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	14.4	19	35
FEB	29	13.6	19	27
MAR	31	14.4	17	58
APR	29	15.1	20	33
MAY	28	14.6	21	35
JUN	30	15.5	21	39
JUL	30	15.0	21	40
AUG	31	14.9	20	43
SEP	28	15.0	25	46
OCT	23	14.0	21	66
NOV	23	18.7	29	55
DEC	25	21.0	29	56
YEAR	338	15.4	29	66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	710	26	2	0	0	0	0	738
FEB	29	625	22	0	0	0	0	0	676
MAR	2	704	31	2	0	0	0	0	739
APR	11	609	67	1	0	0	0	0	688
MAY	3	621	43	2	0	0	0	0	669
JUN	10	619	80	3	0	0	0	0	712
JUL	0	683	40	4	0	0	0	0	727
AUG	2	675	48	4	0	0	0	0	729
SEP	1	640	31	19	0	0	0	0	691
OCT	118	437	22	12	2	0	0	0	591
NOV	3	332	238	13	0	0	0	0	586
DEC	4	307	272	35	0	0	0	0	618
YEAR	183	6962	920	97	2	0	0	0	8164

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.9	2	11.4	12.7	13.8	15.6	19.9	22.5	27.1	31.7	66	15.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	35	36	39	39	40	38	36	32	15	13	13	13	13	13	13	13	14	15	14	13	14	14	14	22
2	15	15	14	14	15	15	15	14	14	13	12	12	12	15	14	****	14	13	13	13	13	13	13	13	14
3	13	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	14	13	14	15	23	21	15	14	14
4	14	15	15	14	14	14	14	17	18	16	15	15	14	13	14	14	15	14	13	14	14	14	14	14	15
5	13	15	15	13	****	17	13	13	13	13	14	13	13	13	13	13	13	13	16	22	19	21	22	25	15
6	16	15	17	18	18	22	24	23	19	16	16	16	14	13	12	13	13	13	13	13	13	13	13	14	16
7	13	13	13	13	14	14	13	13	14	15	16	****	16	16	15	15	15	15	15	15	15	15	14	14	14
8	14	14	14	14	15	14	15	16	18	18	15	16	15	16	16	17	16	15	17	17	15	15	15	15	16
9	15	14	14	15	15	16	16	16	17	17	17	17	16	14	15	15	14	15	16	16	16	16	16	18	16
10	17	17	15	15	16	16	18	18	21	22	16	16	15	****	14	15	15	14	14	14	15	15	14	15	16
11	16	17	16	15	15	16	14	15	15	14	13	12	12	12	12	13	13	13	13	13	12	12	13	13	14
12	13	13	13	13	12	12	12	12	13	12	13	13	13	13	13	12	12	13	13	13	13	13	13	13	13
13	13	14	14	14	14	17	14	13	13	13	13	13	13	13	13	14	13	13	14	14	15	14	14	14	14
14	14	14	14	14	14	14	14	15	16	16	19	****	16	14	13	14	15	16	14	14	15	15	14	14	15
15	14	16	20	23	24	24	23	22	25	22	16	15	14	14	15	15	16	16	17	16	14	14	13	14	18
16	14	14	14	14	14	14	14	15	14	14	14	14	13	14	14	13	14	****	14	14	13	14	14	14	14
17	15	15	14	15	15	15	16	17	19	20	21	22	18	19	****	19	18	18	17	17	18	16	15	17	17
18	17	18	16	15	16	16	16	16	16	17	17	17	17	17	17	17	16	16	16	14	14	14	17	16	16
19	15	15	15	14	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	13	14	14	13	13
20	12	13	13	13	13	14	14	13	12	12	12	12	12	12	12	12	12	12	13	14	13	15	14	14	13
21	14	13	14	13	13	13	13	13	14	13	13	13	13	14	****	****	16	16	16	17	17	17	17	18	15
22	17	19	17	17	16	15	15	15	14	14	14	15	16	17	17	16	16	16	16	15	15	15	15	15	16
23	16	16	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	13
24	12	13	12	13	12	13	13	13	14	13	14	14	14	13	****	14	14	14	14	15	16	16	18	22	14
25	18	18	30	28	23	22	22	24	22	20	22	19	17	15	15	16	15	17	16	16	14	15	16	15	19
26	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	15	17	15	15	14
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29	14	14	13	14	15	15	15	14	16	16	16	15	13	13	13	13	13	13	13	13	14	13	13	13	14
30	14	13	13	13	13	13	13	14	14	14	13	13	13	14	****	****	****	13	13	-	13	13	12	12	13
31	12	12	12	12	12	12	12	13	13	13	13	13	13	13	12	12	13	13	13	13	12	12	12	12	12
MEAN	15	15	16	16	16	16	16	16	16	15	15	14	14	14	14	14	14	14	14	15	15	15	15	15	14.9

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	12	12	12	12	13	13	13	12	13	12	12	12	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	13	13	****	13	13	******
3	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	12
4	12	12	12	12	12	12	12	13	13	****	****	****	12	11	11	11	11	11	11	11	11	11	11	11	12
5	11	13	19	20	20	19	21	24	17	14	12	****	12	12	11	12	-	-	13	13	13	13	13	13	15
6	13	13	17	18	19	18	15	13	13	13	13	15	****	14	13	13	13	13	13	****	****	****	****	****	14
7													- DATA INVALID -												
8	****	****	****	****	****	****	****	****	****	****	****	12	12	12	12	12	12	12	12	13	12	12	12	12	******
9	12	12	12	13	14	15	13	13	13	12	12	12	11	11	12	12	11	11	12	12	12	12	12	12	12
10	12	12	15	14	18	14	13	16	13	11	11	11	11	11	11	11	12	12	12	13	13	12	13	13	13
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13	15	13	14	14	14	17	15	17	17	17	16	15	15	17	14	****	15	14	13	14	15	14	15	15	15
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15	24	30	26	27	25	22	29	28	25	20	17	15	13	13	13	****	13	13	****	14	13	13	****	14	19
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17	14	14	24	32	26	25	25	26	25	15	13	12	11	12	12	12	12	12	12	13	13	13	13	13	17
18	13	14	14	14	14	14	14	15	16	14	14	13	15	16	****	13	13	13	13	13	13	14	13	14	14
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20	17	16	16	17	18	17	17	19	20	20	18	18	20	20	21	22	24	21	21	20	23	21	19	20	19
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24	14	15	15	15	15	15	15	14	14	14	13	12	12	13	12	13	13	13	14	14	13	14	15	15	14
25	16	15	14	14	14	15	14	15	14	14	13	13	12	13	****	****	14	13	13	13	13	13	12	12	14
26	12	12	12	12	12	12	12	13	13	13	12	12	12	13	13	13	13	14	14	14	16	14	14	14	13
27	13	14	14	14	14	15	****	18	18	17	16	14	13	13	12	12	13	13	13	13	13	13	13	13	14
28	13	13	13	13	13	13	13	14	14	13	13	13	13	12	14	13	14	13	13	13	13	13	13	13	13
29	13	13	13	13	13	13	13	14	14	14	13	13	14	14	14	14	14	13	13	14	14	14	14	14	14
MEAN	14	14	15	15	15	15	15	16	16	14	14	13	13	13	13	13	14	14	13	14	14	14	15	14	14.2

PERCENTAGE OF DATA VALID - 88.1 PERCENTAGE OF DATA INVALID - 11.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	13	13	14
2	15	16	16	19	20	24	22	23	18	15	15	14	14	14	14	14	14	14	14	14	14	15	14	14	16
3	16	18	18	17	16	16	17	18	19	18	17	16	16	16	16	15	****	15	15	14	15	16	16	16	16
4	17	17	16	15	16	16	16	17	18	17	16	16	16	16	16	16	16	17	18	19	18	21	27	17	17
5	16	16	16	16	17	16	18	19	20	21	17	17	17	18	****	23	15	13	13	12	12	12	13	13	16
6	13	13	13	13	13	14	14	16	15	15	14	14	13	13	13	13	13	14	14	15	14	14	15	17	14
7	17	17	16	17	19	18	19	19	17	17	16	15	14	15	15	14	14	14	15	17	18	17	15	15	16
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9	14	15	14	13	13	14	14	14	13	13	14	13	13	13	14	14	13	13	14	14	15	15	15	15	14
10	16	15	14	14	14	14	15	16	16	15	14	****	****	****	14	14	14	14	14	13	13	12	12	12	14
11	12	13	13	13	13	13	13	14	13	12	12	12	12	12	12	12	12	12	12	12	13	12	13	13	13
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17	15	17	16	20	25	19	24	32	30	18	16	16	16	15	19	25	23	18	16	17	18	13	12	11	19
18	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	15	16	17	18	17	12
19	16	20	20	23	23	24	25	19	15	14	****	16	16	16	16	16	15	16	18	20	17	23	29	35	20
20	32	31	30	38	35	30	23	27	22	19	18	17	16	16	16	15	16	17	19	20	18	17	18	20	22
21	20	18	19	18	15	15	15	17	18	17	17	18	18	18	16	14	14	13	12	12	12	12	12	12	16
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23	14	14	14	14	14	14	14	14	15	16	15	15	14	15	14	14	15	16	16	16	15	14	14	15	15
24	14	15	15	15	14	14	14	14	15	14	14	14	14	14	****	14	13	13	13	15	12	13	12	12	14
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27	14	13	14	15	15	14	22	22	17	16	12	11	11	****	13	13	13	13	14	14	15	15	14	13	14
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29	15	18	16	17	13	13	13	13	13	13	13	13	13	13	12	13	14	13	15	14	13	13	13	13	14
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31	12	12	12	12	12	12	12	13	13	13	13	13	13	****	****	13	13	13	13	13	13	14	18	15	13
MEAN	15	15	15	16	16	15	16	16	16	15	14	14	14	14	14	14	14	14	14	15	14	14	15	15	14.7

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	19	21	21	21	22	25	20	-	14	14	14	13	13	13	15	17	18	20	15	15	16	16	17
2	17	20	20	19	21	23	20	15	13	13	12	12	12	12	15	15	15	14	12	12	12	12	12	13	15
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4	13	12	12	12	13	13	13	16	16	14	15	15	15	15	16	15	13	12	12	12	12	12	11	11	13
5	12	12	12	12	12	13	12	12	12	12	12	12	12	11	12	11	11	12	12	13	14	15	14	15	12
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7	13	13	13	13	14	15	15	15	15	14	14	14	13	14	15	15	16	16	16	15	16	15	15	15	15
8	14	14	15	22	25	17	19	17	17	14	14	15	14	14	14	14	13	13	13	13	14	14	13	-	15
9	13	12	12	13	14	24	29	27	22	15	13	13	13	12	13	12	13	15	15	16	17	14	16	16	16
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11	14	15	14	14	14	14	14	15	16	15	16	****	12	12	13	11	12	11	12	13	13	13	13	13	13
12	13	18	16	12	15	15	13	13	13	13	13	17	14	13	13	14	14	11	10	10	10	10	10	10	13
13	10	10	10	10	10	10	10	9	9	8	8	9	8	9	9	9	8	9	9	9	9	10	10	10	9
14	10	10	11	10	10	10	10	10	10	10	10	****	14	13	13	14	13	13	13	14	14	16	14	15	12
15	14	14	14	14	14	14	13	13	14	13	14	14	13	13	13	13	13	14	14	14	16	14	13	13	14
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17	15	17	21	26	24	21	21	19	17	14	14	14	14	14	14	15	14	14	16	16	18	17	17	17	17
18	17	18	18	17	18	17	18	15	13	13	13	****	12	14	15	13	13	12	11	12	12	13	21	24	15
19	26	25	28	27	26	26	24	19	16	15	13	12	13	13	13	14	14	15	16	16	16	17	15	16	18
20	18	21	14	14	13	14	15	14	12	11	10	10	10	10	10	10	10	10	10	11	11	11	11	12	12
21	14	18	24	24	24	21	15	13	12	11	10	10	10	11	46	11	11	11	12	12	23	-	-	25	17
22	26	22	28	25	25	24	18	14	13	13	12	12	12	13	12	12	12	12	13	13	13	13	-	12	16
23	12	12	13	13	13	13	13	13	14	13	12	12	13	13	12	12	14	12	11	11	11	12	12	12	12
24	15	17	22	21	19	21	15	13	12	1	12	****	11	13	12	12	13	12	13	14	13	16	16	14	14
25	14	14	13	13	13	13	13	13	13	13	12	11	11	13	13	14	14	14	15	14	12	15	19	19	14
26	21	26	25	26	25	27	21	14	13	13	14	12	13	12	13	13	13	14	15	18	18	24	30	26	19
27	28	27	28	27	23	20	19	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16
28	12	12	12	12	12	12	13	13	12	13	13	13	14	****	13	13	12	12	12	12	12	12	12	12	12
29	12	12	12	12	12	12	14	14	13	12	12	12	12	12	13	12	12	12	13	12	13	14	14	15	13
30	15	19	21	21	24	26	20	15	14	16	18	19	17	15	15	16	17	16	15	-	20	24	27	30	15
MEAN	15	16	17	17	17	17	17	15	14	13	13	13	13	13	14	13	13	13	13	13	14	14	15	15	14.5

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	28	28	19	18	21	15	15	14	13	****	12	13	17	17	-	18	****	19	22	24	25	13	16	19
2	20	27	16	16	18	20	21	14	12	12	12	18	17	16	15	14	12	11	13	16	17	17	27	33	17
3	28	29	33	34	29	31	26	16	12	12	12	12	12	12	12	12	12	12	12	12	12	14	14	21	18
4	21	20	25	24	24	22	19	14	12	11	11	11	12	13	13	12	12	12	12	13	14	14	14	13	15
5	13	12	15	26	23	24	26	15	15	17	15	17	****	****	13	12	11	13	15	13	12	12	13	12	16
6	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	15	12	12
7	12	15	15	14	13	14	15	16	12	11	12	13	13	13	14	13	13	12	11	12	12	12	13	14	13
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12	18	19	20	21	22	20	23	20	15	13	12	12	****	14	13	14	14	13	14	15	19	22	24	24	18
13	28	26	23	25	27	26	22	19	19	20	16	14	14	15	14	15	17	20	18	17	20	15	16	15	19
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15	15	14	15	14	14	14	14	13	12	****	****	13	13	13	13	13	13	12	13	13	14	18	19	21	14
16	22	24	23	23	22	24	23	20	16	14	19	18	17	15	15	15	15	15	15	16	22	25	25	28	20
17	30	32	33	33	31	33	28	17	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	20
18	14	14	14	14	14	14	14	14	15	17	17	17	17	15	-	14	14	14	14	14	14	14	14	14	15
19	14	13	13	13	13	13	13	12	12	12	13	15	14	15	15	14	14	14	14	15	21	20	14	15	14
20	15	18	17	18	15	14	14	14	14	13	13	13	16	****	14	14	14	14	15	17	26	24	24	26	17
21	27	30	30	33	30	30	25	21	19	17	18	18	18	20	19	19	18	16	16	18	19	20	28	30	22
22	26	20	19	22	26	27	23	20	18	15	18	21	19	16	****	15	16	16	14	20	22	26	32	32	21
23	30	29	33	34	31	32	33	36	29	23	21	22	24	20	16	16	16	17	18	22	32	30	35	36	26
24	32	35	35	32	32	31	31	30	21	16	15	17	17	13	13	13	13	13	13	14	14	14	14	15	21
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26	13	13	13	14	14	13	13	13	12	12	14	13	13	****	****	12	12	12	12	12	12	12	12	12	13
27	12	****	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	13	15	18	14	13	13
28	13	13	14	13	13	12	14	15	16	16	14	13	13	13	13	13	14	15	15	14	17	23	25	28	15
29	26	28	28	27	16	18	18	15	15	14	18	14	****	13	13	13	14	14	13	13	13	14	14	13	17
30	14	14	14	14	14	13	17	19	17	16	17	17	16	17	19	18	15	17	16	16	17	16	14	14	16
31	13	12	12	13	13	13	12	13	13	13	13	12	13	13	13	12	12	12	11	12	12	12	12	12	12
MEAN	19	19	19	19	19	19	18	16	15	14	14	14	14	14	14	13	13	13	14	15	16	17	17	18	16.1

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	12	12	11	11	11	11	11	11	11	11	13	13	13	13	14	14	14	13	12	13	12	12
2	13	13	13	13	12	13	15	14	14	14	16	18	16	****	47	18	17	12	12	12	17	18	23	19	16
3	13	13	13	15	14	13	13	13	14	13	12	12	11	11	11	11	11	11	11	11	12	12	12	12	12
4	11	11	11	11	13	10	11	12	12	11	11	10	11	11	12	10	11	11	11	11	13	18	19	19	12
5	20	19	18	21	20	17	15	14	14	14	13	13	14	****	17	18	16	15	15	17	16	22	31	33	18
6	21	17	17	16	17	16	17	18	18	19	20	21	21	17	17	19	18	16	15	15	16	15	15	15	17
7	15	14	14	14	14	14	14	14	16	15	15	14	14	14	15	16	16	15	16	15	15	16	18	17	15
8	17	18	18	14	14	13	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	15	14
9	19	18	21	20	18	17	19	18	17	15	13	12	12	13	****	13	13	13	13	13	13	15	20	19	16
10	16	15	14	15	15	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14
11	14	13	13	14	14	15	14	14	14	14	14	14	15	17	16	13	13	13	13	14	20	21	22	23	15
12	24	26	28	30	30	30	31	25	17	16	15	15	****	****	****	16	15	16	17	17	18	18	19	20	21
13	24	32	39	40	42	36	33	23	22	23	19	18	16	16	16	15	16	16	18	18	21	23	32	39	25
14	36	37	39	43	35	39	30	22	****	****	19	19	19	18	17	18	19	20	20	20	26	34	33	42	28
15	38	33	31	39	37	24	24	28	21	18	17	17	14	13	13	13	13	14	13	14	14	14	14	14	20
16	14	15	15	14	15	14	15	15	14	13	****	13	15	14	****	11	11	11	11	11	12	12	14	16	13
17	17	16	19	20	19	19	18	18	15	14	13	13	13	13	12	13	13	12	12	12	13	14	16	16	15
18	17	19	18	18	20	19	18	18	17	15	14	13	13	13	13	14	13	13	12	13	16	16	16	18	16
19	20	21	21	18	20	24	18	14	14	14	14	13	14	14	16	15	15	14	14	14	14	13	13	15	16
20	17	15	15	12	11	11	10	11	11	11	****	10	10	10	10	10	11	11	11	12	17	19	20	22	13
21	23	23	24	26	24	24	15	13	12	11	11	16	15	14	14	13	13	13	14	15	24	23	24	25	18
22	28	28	30	31	31	32	31	30	26	16	15	13	13	12	13	12	12	12	12	14	14	14	16	20	20
23	19	26	26	27	25	27	26	23	23	21	23	20	18	16	15	14	14	13	13	14	15	16	23	31	20
24	29	28	30	34	32	30	30	29	21	20	21	20	20	20	18	17	-	17	19	21	21	21	30	41	25
25	41	38	41	36	30	30	30	23	26	26	20	18	16	15	15	16	16	15	15	****	18	25	21	19	24
26	23	30	30	33	32	23	22	20	18	****	15	14	14	14	14	15	14	14	13	12	13	12	15	19	19
27	21	29	26	20	15	13	12	12	12	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	14
28	12	13	14	12	12	11	11	12	12	12	11	12	11	11	11	11	11	11	12	13	12	12	13	12	12
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30	12	12	12	12	12	11	11	11	10	10	****	40	11	12	12	12	12	12	12	12	12	12	13	14	13
MEAN	20	21	21	21	21	20	18	17	16	15	15	15	14	14	15	14	14	13	14	14	16	17	19	20	16.8

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	18	22	20	20	19	15	14	14	14	14	14	13	13	13	13	13	13	14	15	17	17	15	16	15
2	15	16	17	19	21	21	17	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	14	15	14
3	17	18	21	20	22	21	17	15	16	****	****	12	12	13	13	11	12	12	12	15	20	20	20	19	16
4	20	23	25	26	25	21	18	12	11	10	10	10	10	13	13	13	14	13	14	15	15	16	27	29	17
5	28	30	29	32	31	28	19	17	12	12	13	12	13	12	10	10	10	10	10	9	9	9	9	9	16
6	9	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	14	18	16	17	10
7	17	19	22	21	21	20	19	20	20	****	15	12	12	11	11	11	11	11	11	12	13	12	11	12	15
8	12	12	12	13	13	15	15	17	14	14	12	11	10	11	10	10	11	10	10	10	11	13	14	13	12
9	11	12	12	15	15	15	16	15	12	11	12	13	12	13	15	14	14	15	14	13	13	18	26	24	15
10	26	27	28	27	28	26	26	19	****	****	15	12	12	11	11	11	12	12	12	11	12	17	23	19	18
11	16	17	17	24	32	20	13	13	13	16	13	10	10	9	10	10	10	9	10	9	9	10	10	10	13
12	10	10	12	12	15	15	13	10	10	9	9	9	9	10	10	10	9	9	10	10	13	12	10	11	11
13	11	12	12	14	13	13	11	10	10	10	9	10	11	10	11	10	10	10	11	12	18	18	20	18	12
14	18	20	20	19	21	21	20	17	15	12	14	11	11	10	11	11	10	10	10	10	12	16	16	15	15
15	14	14	13	14	17	19	18	18	19	15	13	13	12	13	13	16	12	13	13	13	11	11	11	13	14
16	15	16	18	18	18	16	12	11	10	10	10	11	11	10	10	10	10	11	12	15	12	14	13	13	13
17	14	16	17	19	15	12	11	10	10	10	9	9	9	9	9	10	9	9	9	10	10	10	11	11	11
18	12	12	13	13	13	13	12	12	15	****	13	12	12	11	11	11	11	11	11	11	11	11	12	13	12
19	11	11	12	13	14	16	15	12	12	12	12	12	11	11	12	12	12	11	11	11	11	15	14	18	13
20	19	21	22	22	18	17	13	14	13	13	13	12	12	12	13	13	13	13	13	13	15	16	14	12	15
21	11	10	10	10	11	11	12	13	13	12	****	10	11	10	10	9	9	9	9	9	9	9	9	9	10
22	10	10	12	12	16	13	13	16	14	11	12	10	10	11	10	10	10	10	10	12	14	12	9	8	11
23	10	13	14	12	10	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	9	13	14	13	9
24	15	15	15	17	18	17	14	11	10	9	****	9	11	10	10	10	10	10	10	11	11	11	13	18	12
25	17	10	10	10	11	12	13	13	12	13	11	10	10	10	10	10	11	11	10	10	10	10	10	10	11
26	10	12	13	14	18	13	13	12	11	10	10	10	12	12	12	13	13	13	13	15	13	14	14	15	13
27	15	17	18	13	12	20	14	13	12	10	10	10	10	10	11	11	11	11	10	11	10	12	11	9	12
28	9	9	10	10	10	10	11	11	12	16	****	12	12	11	-	-	11	11	10	10	-	-	-	12	11
29	12	12	14	13	11	10	11	11	11	11	13	13	12	11	11	12	11	12	12	13	12	14	15	17	12
30	19	18	16	19	17	12	11	11	10	9	9	9	9	9	9	10	10	9	10	10	15	15	16	18	13
31	16	19	20	20	20	20	19	18	12	11	11	11	10	11	11	11	11	11	11	11	11	11	11	11	14
MEAN	15	15	16	17	17	16	14	13	12	11	11	11	11	11	11	11	11	11	11	11	12	14	14	15	13.1

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	16	16	18	19	20	18	20	15	****	13	11	10	11	10	10	10	10	11	16	19	16	19	15
2	18	12	12	11	12	12	12	13	13	14	11	11	11	11	11	10	11	11	11	10	10	11	12	11	12
3	11	11	11	16	14	13	14	13	11	10	10	11	10	10	10	10	10	11	11	10	10	12	15	16	12
4	15	17	15	19	18	15	16	14	12	11	11	11	11	10	10	10	10	10	11	11	13	14	10	10	13
5	11	15	16	11	11	11	12	13	12	13	13	13	12	53	11	10	10	10	10	10	10	10	9	9	13
6	9	10	9	10	12	11	11	10	9	9	10	10	****	9	9	10	9	****	9	9	19	15	17	14	11
7	15	19	23	21	21	24	22	15	13	12	11	10	10	9	10	10	10	-	10	9	9	9	9	12	14
8	16	21	21	23	23	24	20	14	12	12	****	12	11	10	10	10	9	9	9	9	8	10	11	10	14
9	****	9	8	8	8	8	8	8	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8
10	8	9	9	12	****	****	12	9	10	8	8	8	8	8	9	9	9	9	10	9	9	11	14	14	10
11	18	16	16	17	16	17	15	12	10	9	9	9	10	****	****	9	****	9	11	10	9	9	9	10	10
12	10	9	8	8	9	9	10	13	11	9	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9
13	10	10	10	10	15	12	10	10	9	8	****	10	11	11	11	11	11	****	13	13	13	13	14	18	12
14	18	17	17	16	15	14	14	14	13	13	14	12	13	12	12	11	11	10	10	10	14	18	14	12	14
15	12	11	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	10	9	10	10
16	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	12	12	12	10
17	15	15	15	15	15	15	14	14	10	9	9	9	9	9	10	10	10	11	10	11	10	10	10	10	11
18	11	11	11	10	10	10	11	13	11	10	11	11	10	12	11	11	12	11	12	13	13	15	17	18	12
19	17	20	20	24	22	23	****	18	15	12	11	10	11	****	10	10	12	13	13	15	25	22	20	22	17
20	21	22	20	20	20	20	22	15	13	12	11	12	11	11	11	12	11	11	11	12	12	12	13	12	14
21	13	13	-	****	13	12	12	12	12	11	11	11	11	11	10	11	11	11	15	11	11	11	11	12	12
22	12	12	12	11	12	12	12	13	12	11	****	12	11	12	11	11	11	11	12	12	13	18	16	17	12
23	18	18	18	17	13	14	12	12	11	11	10	10	10	11	10	12	12	11	11	12	11	12	16	17	13
24	13	15	17	16	14	14	13	11	11	11	10	11	10	10	10	11	11	11	12	18	21	22	23	14	
25	23	27	26	28	28	29	28	27	23	22	17	20	19	****	12	11	12	12	15	14	15	17	14	15	20
26	21	15	19	20	19	16	20	-	17	15	14	12	13	12	12	12	12	12	14	13	15	15	15	16	15
27	16	16	15	15	15	16	17	16	17	15	13	11	12	12	12	12	12	12	12	15	16	12	11	12	14
28	11	12	11	11	11	11	11	11	11	11	11	11	****	****	11	11	11	11	11	11	11	11	11	12	11
29	19	17	15	13	13	17	19	16	13	11	11	10	11	11	11	12	12	11	12	12	12	11	12	13	13
30	12	13	15	18	22	21	22	21	17	14	13	11	12	12	12	12	12	12	12	13	14	12	13	15	15
31	16	15	16	25	20	16	14	13	12	12	11	11	10	10	11	11	11	13	12	12	13	14	12	11	13
MEAN	14	15	15	15	15	15	15	14	12	11	11	11	11	12	10	10	11	11	11	11	12	13	13	14	12.6

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	12	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	12
2	13	13	13	13	13	17	17	17	13	13	13	13	13	13	13	14	14	14	23	23	24	24	22	22	16
3	25	27	36	29	21	16	16	16	17	16	16	16	19	17	19	20	21	19	21	22	17	16	15	15	20
4	15	15	14	13	13	13	13	14	14	16	16	16	14	15	16	14	12	13	12	13	12	12	12	11	14
5	12	12	13	13	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	14	15	15	12
6	17	16	13	13	14	14	14	14	13	13	12	12	13	13	14	16	15	15	13	14	13	13	13	13	14
7	13	14	14	13	13	14	14	14	16	16	15	14	14	15	16	****	20	18	19	24	17	14	13	13	15
8	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	15	15	16	15	13	13	14	14
9	14	14	15	15	15	15	15	16	20	19	16	14	13	13	13	13	13	13	13	14	14	13	13	13	15
10	13	13	12	12	12	12	12	12	12	12	12	12	13	13	14	14	14	14	13	13	14	14	14	14	13
11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	19	24	26	28	25	23	18
13	26	25	25	19	18	18	17	17	17	16	18	19	20	19	****	25	26	23	19	20	31	35	38	26	22
14	24	20	20	18	16	15	14	13	13	13	12	12	12	11	11	12	12	12	12	12	12	13	13	13	14
15	13	13	18	20	22	23	20	19	18	14	13	13	13	12	12	12	12	12	12	12	12	12	13	13	15
16	13	13	16	16	20	20	20	22	14	13	13	12	12	12	12	12	12	13	32	24	25	25	27	31	18
17	33	32	32	33	34	28	26	24	26	17	13	13	13	13	13	13	14	14	14	13	13	14	14	14	20
18	12	12	12	12	12	12	12	13	13	14	13	****	13	12	12	11	12	12	12	12	12	12	12	12	12
19	12	12	12	16	16	15	14	14	15	14	14	14	13	15	15	16	16	16	16	16	16	15	15	16	15
20	16	16	17	17	18	18	17	17	18	18	18	16	15	14	14	****	15	14	14	14	13	14	14	14	16
21	14	14	14	14	13	13	13	13	13	13	14	14	14	14	14	14	13	12	12	12	12	12	13	13	13
22	12	12	12	12	12	13	15	15	14	13	12	12	12	12	12	12	12	13	13	14	14	14	15	15	13
23	15	15	15	14	15	14	14	14	15	14	14	14	15	15	15	14	15	15	15	14	14	14	14	16	15
24	16	16	16	19	19	19	18	25	36	28	22	17	15	14	14	13	13	14	12	12	11	11	11	11	17
25	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	13	13	23	12
26	22	22	18	22	25	25	19	16	16	17	14	12	12	12	12	12	12	25	26	25	26	28	34	37	20
27	33	34	32	32	30	23	14	13	13	13	13	13	11	****	11	****	****	****	****	****	****	****	****	****	******
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
MEAN	17	16	17	17	17	16	15	15	15	15	14	14	13	13	13	14	14	15	16	16	16	16	16	17	15.2

PERCENTAGE OF DATA VALID - 88.1 PERCENTAGE OF DATA INVALID - 11.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	11	11	12	13	13	17	19	19	17	******
2	15	13	12	11	11	12	12	13	14	14	13	12	11	12	12	11	11	11	10	10	10	9	9	9	12
3	10	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	11	11	10
4	11	11	11	11	11	11	11	11	12	13	12	12	13	12	11	****	14	15	16	14	14	17	18	15	13
5	14	16	16	17	17	19	17	21	22	19	16	14	13	13	13	13	14	15	36	34	31	33	36	35	21
6	39	41	36	36	36	34	30	27	25	17	17	15	18	13	13	13	13	12	13	13	14	14	15	15	22
7	15	15	15	14	14	13	13	13	13	13	13	13	14	14	14	14	15	15	16	29	29	27	25	33	17
8	47	38	36	41	34	29	26	24	35	55	47	29	20	16	****	18	19	17	15	15	15	15	15	15	27
9	15	15	15	14	15	17	17	17	17	17	16	15	15	16	18	18	17	18	18	18	18	21	21	20	17
10	21	20	20	19	18	17	17	18	23	24	21	19	17	18	19	18	17	17	15	15	14	14	15	15	18
11	15	15	15	15	15	19	17	19	22	21	20	20	19	20	19	17	17	17	17	16	17	17	17	17	18
12	17	17	17	17	16	16	17	17	17	18	16	15	15	18	26	22	24	26	24	20	18	17	16	15	18
13	15	15	15	16	15	15	14	14	13	13	14	13	13	13	13	13	13	14	14	15	15	15	15	14	14
14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	15	15	15	14
15	15	15	14	15	15	14	15	17	18	20	18	17	17	17	****	21	22	21	21	18	17	19	21	19	18
16	17	16	15	16	16	15	15	16	17	18	16	14	15	15	15	15	15	15	15	15	14	14	14	13	15
17	13	13	13	13	13	13	13	15	16	18	18	21	24	18	15	14	14	15	16	14	14	14	14	14	15
18	14	14	15	15	15	15	15	14	14	13	13	12	14	14	****	18	18	17	16	16	16	16	16	16	15
19	16	16	16	16	15	15	15	16	16	16	16	16	16	16	16	16	16	17	20	20	20	18	18	17	17
20	18	18	17	17	17	17	18	19	24	24	21	18	17	17	16	16	16	17	17	18	18	18	18	17	18
21	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	19	19	18	17
22	19	18	18	18	18	19	19	20	21	22	23	22	19	22	****	19	17	17	16	16	16	16	17	17	19
23	18	20	21	22	23	23	23	22	22	24	24	21	19	19	18	18	17	17	17	18	18	18	18	18	20
24	18	18	19	18	18	19	18	19	19	15	14	14	14	14	14	14	14	14	14	14	15	15	15	15	16
25	15	15	15	15	16	21	22	21	19	17	18	18	18	17	17	17	17	17	17	18	20	22	18	18	18
26	18	18	17	17	16	16	16	16	16	16	16	17	17	16	16	16	16	17	18	18	18	18	17	18	17
27	22	26	27	26	27	27	28	27	28	29	23	21	19	19	18	18	19	20	21	20	20	25	25	26	23
28	32	34	36	39	40	41	43	42	41	36	31	20	19	18	18	18	19	20	19	19	20	20	20	20	28
29	20	21	21	22	25	25	23	40	29	30	23	22	21	20	****	21	21	20	20	18	17	17	17	16	22
30	15	15	15	15	15	15	15	15	15	16	16	16	15	15	15	16	16	16	17	16	16	16	16	16	16
31	15	15	15	17	18	18	18	17	18	20	18	15	16	15	15	15	16	16	16	16	15	15	15	15	16
MEAN	18	18	18	18	18	18	18	19	20	20	18	17	16	16	16	16	16	16	17	17	17	18	18	17	17.6

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	14.9	22	40
FEB	25	14.2	19	32
MAR	31	14.7	22	38
APR	30	14.5	19	46
MAY	31	16.1	26	36
JUN	30	16.8	28	47
JUL	31	13.1	18	32
AUG	31	12.6	20	53
SEP	30	13.8	20	37
OCT	25	13.8	17	32
NOV	26	15.2	22	38
DEC	30	17.6	28	55
YEAR	351	14.8	28	55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	688	33	9	0	0	0	0	730
FEB	0	566	46	1	0	0	0	0	613
MAR	0	683	44	6	0	0	0	0	733
APR	53	573	81	1	0	0	0	0	708
MAY	0	592	108	28	0	0	0	0	728
JUN	11	541	112	41	0	0	0	0	705
JUL	205	466	56	3	0	0	0	0	730
AUG	232	436	53	1	0	0	0	0	722
SEP	131	493	77	8	0	0	0	0	709
OCT	80	503	35	1	0	0	0	0	619
NOV	0	550	66	18	0	0	0	0	634
DEC	28	549	113	33	0	0	0	0	723
YEAR	740	6640	824	150	0	0	0	0	8354

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
95.1	1	10.1	11.8	13.0	14.8	19.8	23.9	29.5	33.0	55	14.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	25	23	21	20	20	19	18	19	18	17	18	18	18	20	20	20	19	19	18	18	18	19	19	20
2	19	18	18	18	19	18	19	22	20	19	16	****	19	20	19	20	23	27	29	29	28	28	28	28	22
3	27	24	26	27	29	29	29	30	31	27	24	22	21	20	20	21	22	23	25	26	25	25	25	25	25
4	25	25	26	27	25	25	25	26	28	28	29	26	23	23	23	23	27	28	28	28	28	28	28	28	26
5	27	27	28	27	****	27	28	28	27	26	23	22	21	21	20	21	24	27	30	32	33	30	29	28	26
6	29	29	31	30	29	29	30	30	30	30	31	29	27	24	23	23	23	24	26	28	25	24	23	23	27
7	22	25	25	23	22	21	22	24	21	20	19	19	19	19	****	34	21	22	22	23	23	24	24	24	23
8	24	24	24	24	24	24	25	27	28	27	26	25	23	22	22	23	24	26	26	26	25	26	26	26	25
9	25	25	27	26	28	27	28	29	30	30	28	25	23	22	21	22	23	25	25	25	26	27	28	29	26
10	28	28	30	30	31	33	34	36	37	34	31	25	24	25	****	20	20	18	16	16	16	17	16	16	25
11	15	15	16	16	15	15	15	18	17	17	15	15	15	16	16	17	18	17	15	14	14	13	12	12	15
12	12	13	13	15	16	17	17	18	18	18	15	14	13	13	13	15	18	19	20	21	21	22	21	22	17
13	23	23	25	24	19	18	17	17	16	16	15	15	16	17	16	16	16	17	17	18	17	16	15	15	16
14	15	15	15	16	17	18	20	23	24	23	21	23	22	21	****	25	22	21	18	17	16	16	15	14	19
15	13	14	14	13	13	12	13	15	21	17	15	15	14	14	16	18	20	22	20	18	15	13	12	12	15
16	12	12	11	11	11	10	11	14	14	12	11	11	11	11	11	12	13	****	11	11	10	10	10	11	11
17	10	10	10	10	10	11	13	17	21	21	21	23	20	19	19	20	23	21	19	18	15	14	13	13	16
18	13	12	13	13	13	13	14	17	18	16	****	38	24	23	21	21	20	21	20	19	19	18	18	18	18
19	18	18	18	16	16	15	16	16	16	16	17	16	16	16	16	17	16	16	17	17	17	17	17	16	17
20	16	17	16	16	16	17	18	16	16	17	17	16	16	16	16	16	16	17	17	17	19	16	17	16	17
21	16	16	16	16	16	16	17	18	18	19	17	****	20	19	20	20	20	20	20	21	23	24	23	22	19
22	22	23	21	20	19	18	19	22	23	21	21	22	21	19	20	20	22	22	20	19	19	18	18	18	20
23	18	17	16	16	17	17	18	18	18	18	18	17	17	18	****	19	18	19	20	19	18	18	18	18	18
24	17	19	18	19	18	19	20	23	20	20	19	****	21	18	19	19	20	20	20	20	22	24	22	22	20
25	22	22	23	28	23	24	25	28	33	24	25	24	23	22	22	20	22	22	22	21	22	22	23	20	23
26	20	20	19	19	19	19	19	20	20	19	19	19	19	19	19	19	20	21	21	22	23	22	21	22	20
27	22	21	21	21	21	20	20	21	21	21	21	21	21	20	21	22	22	22	22	22	22	23	23	22	21
28	23	23	23	23	24	25	25	27	27	24	22	23	22	23	25	****	19	19	18	20	19	17	16	18	22
29	16	15	16	14	14	16	17	17	18	17	15	13	12	13	12	12	13	14	13	13	13	12	12	13	14
30	13	12	12	12	12	12	12	18	14	13	13	12	13	12	12	****	****	14	14	-	13	12	12	12	13
31	13	12	13	12	12	11	12	12	13	12	12	12	12	12	15	****	20	21	21	20	19	19	19	18	15
MEAN	19	19	20	19	19	19	20	21	22	21	20	20	19	19	18	20	20	21	20	21	20	20	19	19	19.8

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	18	18	19	20	19	19	18	19	20	19	19	20	21	20	20	19	19	18	18	19
2	18	19	20	21	21	20	20	20	20	20	19	19	19	19	20	20	20	19	19	19	****	21	20	20	20
3	20	20	20	19	20	20	21	19	19	19	19	19	19	19	19	19	18	19	19	19	20	19	19	19	19
4	18	18	20	19	18	18	19	19	19	****	****	19	19	18	19	57	20	20	19	20	20	20	19	19	21
5	20	21	22	21	20	20	21	24	24	21	19	****	19	19	19	****	-	-	21	20	20	20	20	20	21
6	19	20	20	20	20	20	20	23	24	22	22	21	20	21	22	****	23	23	22	21	20	20	20	20	21
7	19	19	19	19	19	20	20	21	22	21	20	19	19	20	20	20	21	21	20	20	20	20	20	19	20
8	19	20	20	20	20	21	21	24	26	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21
9	20	20	21	23	20	20	21	21	20	20	20	19	18	19	19	19	19	19	19	19	19	19	19	19	20
10	21	21	20	20	20	19	20	21	20	19	20	19	19	20	20	20	22	21	22	22	21	21	20	21	20
11	21	21	21	21	20	21	23	26	25	25	22	22	23	22	22	****	21	22	22	23	20	20	20	20	22
12	18	19	17	18	17	18	21	23	25	20	18	16	16	16	16	16	16	17	16	17	17	20	19	19	18
13	19	19	19	18	17	17	18	21	21	20	19	18	18	17	16	****	18	18	17	17	18	17	16	17	18
14	16	16	16	18	17	17	18	20	20	21	18	16	16	16	****	19	19	21	21	21	25	26	26	28	20
15	25	22	21	22	24	23	24	25	24	26	26	25	27	23	22	****	****	****	****	****	21	20	****	19	23
16	20	18	19	17	17	17	18	18	18	19	20	18	20	19	18	18	17	18	18	18	18	17	19	21	18
17	20	19	19	20	21	22	20	22	20	19	19	18	17	17	17	17	17	17	17	18	17	17	18	18	19
18	19	18	18	18	18	19	20	22	22	21	21	****	21	20	20	21	23	23	21	20	20	21	22	21	20
19	20	20	20	20	20	19	20	22	24	22	23	23	24	26	26	26	28	27	26	28	29	30	31	28	24
20	25	22	21	21	22	22	22	28	30	29	28	29	27	27	28	30	38	35	34	31	28	27	29	27	28
21	31	25	22	20	21	20	21	23	23	22	22	25	22	21	22	21	22	24	22	20	20	19	19	19	22
22	18	18	18	18	18	18	19	22	22	20	20	19	20	20	20	22	23	24	23	24	21	20	19	20	20
23	19	19	19	20	19	19	19	20	19	19	19	19	19	20	20	21	24	23	24	24	25	24	24	22	21
24	22	21	21	21	20	20	19	19	19	20	19	19	19	19	19	19	19	19	21	20	19	21	21	21	20
25	21	22	20	21	22	21	21	24	23	20	43	33	22	20	20	****	17	2	6	5	2	5	4	5	17
26	14	18	10	2	18	18	19	19	20	19	19	18	18	19	18	19	19	19	19	20	19	****	****	****	17
27													- DATA INVALID -												
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	21	20	20	19	19	18	18	19	******
29	18	17	17	16	17	17	18	18	19	17	16	16	16	16	15	15	16	17	17	16	15	15	15	15	16
MEAN	20	20	19	19	19	19	20	22	22	21	21	20	20	20	20	22	21	20	20	20	20	20	20	20	20.1

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 8.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	16	15	16	16	16	15	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	15
2	14	14	16	15	15	15	15	19	17	13	12	12	12	12	11	11	12	13	13	13	12	13	13	14	14
3	13	14	13	14	14	14	16	20	18	16	15	14	13	13	13	12	****	12	12	11	11	12	11	11	14
4	11	11	11	11	11	11	12	14	14	14	14	14	12	12	12	12	14	13	17	15	15	17	18	14	13
5	12	12	11	11	11	12	17	22	23	21	17	****	27	29	34	30	22	20	20	20	20	20	21	22	20
6	21	21	21	21	22	23	24	23	24	23	23	22	22	21	22	22	23	24	22	23	24	24	23	22	23
7	23	23	23	22	25	23	25	28	29	26	25	****	22	22	21	23	25	26	25	25	26	26	25	22	24
8	23	24	22	24	23	21	21	21	21	21	21	21	21	20	20	20	20	20	20	21	20	20	20	21	21
9	20	20	20	19	22	24	26	22	21	21	22	21	20	20	20	20	21	21	21	22	23	22	22	21	21
10	22	22	21	20	20	22	25	28	27	25	22	22	22	22	****	****	25	23	23	21	17	17	16	16	22
11	17	17	18	17	17	18	18	19	19	17	17	18	17	17	17	17	17	17	17	18	18	17	18	18	18
12	18	18	18	18	18	18	18	19	19	18	19	18	19	19	19	20	19	20	20	20	21	20	21	20	19
13	22	19	18	18	18	18	18	20	20	19	18	19	19	19	19	20	20	19	19	18	18	18	18	18	19
14	18	17	17	17	17	18	19	22	24	20	20	20	19	19	18	18	18	19	19	18	18	18	19	18	19
15	19	18	19	18	19	18	19	19	20	19	20	19	20	20	20	20	20	20	20	20	21	21	21	37	20
16	22	23	24	24	25	25	22	20	19	19	20	19	20	19	19	20	20	20	20	21	20	20	20	20	21
17	20	21	23	24	24	21	26	36	30	24	24	23	22	23	24	24	28	25	24	25	23	20	18	18	24
18	18	18	17	17	17	18	18	18	18	19	18	19	19	19	19	18	50	22	22	23	23	24	23	26	21
19	29	29	28	32	34	30	29	30	27	26	27	25	23	22	23	24	25	26	26	27	28	26	27	28	27
20	29	25	25	25	26	28	28	33	30	28	27	26	24	24	24	24	27	26	28	32	30	25	24	24	27
21	24	22	22	22	21	19	20	23	24	23	23	22	22	23	19	20	19	18	17	17	17	17	17	17	20
22	17	17	17	17	17	17	17	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	- DATA INVALID -																								
24	****	****	****	****	****	****	****	****	****	****	****	****	22	22	22	22	24	24	24	22	21	21	22	20	******
25	20	20	19	20	20	20	21	21	21	21	21	20	20	21	21	20	20	22	22	22	22	23	23	21	
26	22	21	21	21	22	20	21	21	23	22	22	21	21	21	21	21	23	23	23	24	23	24	23	23	22
27	27	26	25	22	21	22	24	26	28	26	25	****	24	23	24	23	25	27	24	24	23	23	26	22	24
28	22	22	22	25	23	22	22	23	24	23	22	22	21	23	25	25	27	27	26	26	29	22	21	21	24
29	21	36	21	21	21	21	23	23	22	22	23	23	23	22	22	22	21	21	21	21	22	21	21	20	22
30	20	20	20	20	20	20	19	19	20	20	21	20	21	21	21	21	21	21	22	22	22	****	****	****	21
31	****	****	****	****	****	****	****	****	****	****	****	****	22	24	22	22	23	23	23	23	23	24	25	23	******
MEAN	20	20	20	20	20	20	21	22	22	21	20	20	20	20	20	20	22	21	21	21	21	20	20	21	20.5

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	22	22	22	23	24	25	27	-	25	24	24	25	25	25	27	28	28	29	26	25	27	29	25
2	29	29	29	30	31	31	28	26	23	24	23	****	29	17	17	17	17	17	17	17	17	16	16	16	22
3	16	16	16	17	20	17	18	21	22	19	18	18	-	18	18	19	21	21	19	18	17	16	16	16	18
4	15	15	15	14	14	15	15	17	17	18	19	19	17	18	18	17	16	15	15	15	14	14	14	14	16
5	14	14	14	14	15	16	15	15	16	15	15	16	16	15	15	15	15	16	17	19	20	20	23	23	16
6	20	25	19	20	19	17	17	16	16	16	17	17	17	18	17	17	18	18	18	17	17	17	17	17	18
7	16	16	16	17	16	16	19	22	22	21	20	20	21	20	20	21	23	25	22	23	21	20	20	20	20
8	19	19	19	20	20	21	22	25	24	22	20	19	18	18	18	20	21	21	19	19	18	21	-		20
9	24	17	17	17	19	20	23	30	32	25	22	19	19	20	18	18	20	23	25	24	24	21	21	20	22
10	19	18	16	15	16	16	17	21	21	19	18	18	18	18	19	20	19	18	18	18	18	18	18	17	18
11	17	16	16	16	16	16	17	18	19	21	19	18	17	****	20	20	20	20	19	20	20	20	19	20	16
12	22	24	25	21	19	19	19	20	20	21	24	24	22	22	22	25	26	19	18	18	18	17	18	18	21
13	17	17	17	17	16	17	16	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
14	17	17	17	20	17	16	17	19	19	18	17	16	16	17	****	21	20	19	19	19	22	20	20	18	
15	18	17	17	17	17	17	18	20	20	19	19	18	18	19	19	20	22	22	21	21	20	19	18	17	19
16	17	17	17	17	17	17	17	18	18	18	18	18	18	18	****	20	19	19	19	19	19	19	20	20	18
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20	25	25	20	20	20	24	21	21	20	19	19	18	18	18	18	18	19	19	19	20	19	19	19	19	20
21	20	19	20	20	20	19	19	19	19	19	20	36	17	16	15	15	15	15	16	16	16	-	-	18	19
22	20	19	16	19	16	17	19	19	18	17	17	18	17	19	18	18	18	18	18	18	18	16	-	15	18
23	15	15	14	14	14	14	16	17	17	16	16	17	17	17	19	20	17	16	15	15	16	16	17	16	16
24	15	15	14	16	15	16	16	14	15	14	15	15	15	15	16	18	20	19	18	18	18	18	17	16	
25	18	17	16	16	16	16	17	17	18	18	16	15	38	15	16	19	20	19	15	14	14	18	18	20	18
26	18	17	18	18	15	16	14	14	14	15	14	14	****	****	****	****	****	****	****	****	****	****	****	****	****
27	- DATA INVALID -																								
28	****	****	****	****	****	****	****	****	****	****	****	30	16	15	15	16	15	14	14	13	13	13	12	12	******
29	12	12	12	12	12	13	17	20	18	14	14	14	14	14	15	16	16	15	14	16	16	16	16	16	15
30	16	16	16	17	17	16	15	16	15	14	19	21	17	****	34	26	23	20	21	-	22	24	24	22	20
MEAN	19	19	18	18	18	19	19	20	20	19	19	19	19	18	19	20	20	19	19	19	19	19	19	19	18.9

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 7.2 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	20	17	17	18	19	20	19	17	16	15	15	14	14	19	-	22	****	21	24	19	17	15	15	18
2	16	15	15	15	18	26	28	16	15	15	16	15	20	20	19	18	15	15	17	22	20	19	23	20	18
3	21	23	21	24	25	24	18	16	15	15	15	15	15	14	15	14	14	14	14	14	15	14	14	15	17
4	15	15	15	18	19	15	15	14	14	14	14	14	14	17	16	16	15	13	14	15	14	15	15	14	15
5	15	13	15	22	21	24	19	16	19	27	****	22	18	18	18	17	17	18	18	17	17	18	18	16	18
6	16	17	17	16	16	17	18	18	18	17	16	16	17	17	17	18	20	19	19	19	19	21	19	17	18
7	17	18	18	18	18	21	25	20	17	17	17	18	18	18	18	18	18	17	17	17	18	18	18	18	18
8	18	18	18	17	17	19	19	20	17	17	17	****	20	18	19	18	18	18	18	19	18	18	18	17	18
9	18	18	18	17	17	17	18	19	18	18	18	18	18	18	18	18	18	19	18	19	19	19	19	19	18
10	20	19	20	21	20	21	22	21	20	19	21	21	20	20	20	20	20	21	22	21	21	20	20	20	20
11	21	20	20	19	18	18	19	18	18	19	18	18	18	18	17	18	17	17	17	18	20	21	24	24	19
12	19	20	23	25	28	29	32	30	22	21	****	19	19	15	15	20	20	21	20	21	22	20	19	22	22
13	19	19	19	18	20	23	28	27	24	22	19	19	18	18	18	18	17	17	31	17	17	18	19	20	20
14	19	16	16	16	16	16	17	19	19	17	16	16	17	17	17	17	17	17	18	18	17	18	19	-	17
15	18	19	19	18	17	17	18	19	18	17	17	20	17	****	18	17	17	16	17	17	17	20	23	22	18
16	22	21	18	19	21	26	26	25	19	17	17	17	22	21	20	22	22	22	21	22	26	27	32	32	22
17	26	49	22	20	20	24	25	21	19	19	19	19	18	18	18	18	18	18	20	19	18	19	18	17	21
18	17	17	16	16	16	16	17	17	18	19	21	20	21	18	-	16	16	17	18	18	17	16	17	17	17
19	17	16	16	16	16	16	16	16	16	16	16	17	18	19	19	19	18	19	19	20	19	17	17	17	17
20	17	30	22	17	17	19	21	21	20	20	****	20	19	19	19	20	20	19	19	20	21	24	27	29	21
21	26	29	49	20	20	20	21	22	21	19	18	18	23	25	25	25	23	22	22	26	27	27	27	27	24
22	22	19	19	20	19	22	24	26	21	19	17	17	17	18	17	17	17	17	19	22	23	22	27	27	20
23	29	27	39	26	30	35	31	37	28	26	****	21	22	25	22	25	26	25	26	25	31	35	24	19	28
24	21	23	26	30	22	18	19	23	22	20	19	18	17	17	16	16	17	17	17	17	17	16	17	18	19
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26	16	16	16	16	16	17	17	17	18	40	****	18	17	16	16	16	17	16	16	16	17	17	17	16	18
27	16	****	16	16	16	17	17	18	18	17	17	17	16	16	17	17	17	17	17	18	18	17	17	16	17
28	17	17	17	16	17	17	18	19	20	19	18	18	18	****	23	25	24	23	21	21	25	26	29	29	21
29	37	32	29	24	23	29	30	24	21	19	20	19	19	19	20	21	20	20	19	18	19	19	19	17	22
30	17	17	17	17	18	19	24	28	27	24	23	23	23	22	23	24	24	23	21	21	21	20	19	20	21
31	19	17	17	18	18	18	20	21	21	20	20	20	19	17	17	17	16	16	16	16	16	16	16	16	18
MEAN	20	21	20	19	19	20	21	21	19	19	18	18	18	18	19	19	19	18	19	19	20	20	20	20	19.3

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	17	16	16	16	16	17	17	17	17	17	17	17	18	21	21	20	19	19	19	18	18	18	18
2	18	17	17	17	17	20	24	27	27	25	****	26	23	21	22	24	19	18	17	19	20	18	24	21	21
3	19	18	18	18	18	18	19	19	20	20	19	18	17	17	17	17	17	17	17	18	18	18	18	17	18
4	18	19	19	19	18	19	20	19	18	18	18	18	18	****	28	29	30	29	29	30	31	31	32	32	24
5	31	30	32	33	31	32	33	33	32	31	31	31	32	33	33	35	34	33	34	34	35	34	36	34	33
6	32	31	31	30	33	32	35	37	38	38	36	39	38	36	35	38	38	34	33	35	32	30	30	29	34
7	30	29	29	30	30	30	31	31	31	34	32	32	31	31	31	34	33	33	33	31	30	30	32	33	31
8	35	36	31	28	28	28	28	28	28	28	28	28	29	28	28	28	28	28	28	28	28	28	31	29	29
9	30	28	29	29	29	33	36	33	31	30	****	16	15	14	15	15	15	14	14	15	15	18	18	17	22
10	18	16	16	18	16	17	17	16	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16
11	15	16	16	16	16	17	18	18	17	17	17	16	****	****	17	16	16	16	16	17	18	21	26	27	18
12	29	36	34	27	30	28	27	25	25	23	21	20	20	19	19	19	20	19	19	19	20	20	20	20	23
13	21	23	24	23	22	27	27	25	22	22	22	21	19	19	19	20	22	20	19	20	22	23	22	23	22
14	25	26	26	21	20	23	26	24	****	****	21	21	20	19	18	17	17	18	22	21	20	19	18	19	21
15	19	19	22	24	24	22	20	23	21	20	18	17	15	14	14	14	15	14	15	15	15	15	15	15	18
16	15	15	15	15	15	16	16	16	15	****	17	16	16	****	16	16	17	16	16	16	17	17	17	17	16
17	18	20	20	21	24	21	21	22	21	20	20	20	19	19	19	20	20	18	18	18	20	20	17	17	20
18	17	17	17	17	18	20	21	21	21	19	19	18	19	****	****	20	19	18	18	18	18	18	18	18	19
19	18	19	18	18	19	24	30	23	21	20	19	19	20	20	20	22	22	19	19	21	18	18	18	18	20
20	19	19	17	15	15	16	16	16	16	18	18	19	19	20	20	20	20	20	21	22	27	29	35	30	20
21	34	25	25	27	28	22	21	22	21	21	20	20	20	20	20	20	20	21	20	20	24	28	31	37	24
22	34	46	35	29	35	32	27	23	24	25	23	23	23	22	22	22	22	22	22	24	25	29	28	28	27
23	29	33	31	26	29	31	30	30	27	26	27	26	26	****	22	23	21	22	22	23	26	24	23	24	26
24	26	27	25	25	27	31	29	28	25	24	22	20	21	22	23	23	-	21	22	23	22	24	25	22	24
25	23	21	20	21	27	30	24	20	20	23	24	21	20	20	19	23	22	20	20	****	18	17	17	17	21
26	17	17	17	19	17	18	18	20	19	19	17	17	17	16	16	15	15	16	18	17	19	19	21	20	18
27	24	30	17	16	16	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	15	16
28	15	16	16	18	15	15	16	16	16	16	16	16	16	15	15	15	15	15	15	16	16	16	15	16	16
29	16	20	27	15	17	17	19	16	16	16	17	17	16	17	17	17	16	15	15	16	19	18	17	14	17
30	14	14	14	14	15	14	14	14	****	16	13	13	13	13	13	13	13	13	13	14	13	14	16	14	14
MEAN	23	23	23	22	22	23	23	23	22	22	21	21	20	20	20	21	21	20	20	21	21	22	22	22	21.5

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	15	15	17	17	17	15	17	15	14	16	16	15	15	16	16	16	15	14	15	18	19	17	17	16
2	17	18	17	16	17	19	16	15	13	14	14	14	14	14	14	14	14	13	14	14	14	15	14	14	15
3	17	26	25	21	15	15	16	18	16	15	15	15	17	17	18	21	20	18	15	14	16	23	23	24	18
4	25	20	17	19	24	22	18	18	15	14	15	14	16	15	16	23	23	21	19	22	19	20	22	23	19
5	24	23	24	22	23	24	22	20	17	17	19	19	19	16	13	13	13	13	12	12	13	13	12	12	17
6	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	18	21	20	14
7	18	17	16	18	18	18	18	20	26	18	****	17	18	19	19	21	22	20	21	22	20	22	20	20	19
8	20	20	21	22	22	24	27	31	29	24	20	21	22	23	20	18	17	16	15	16	19	17	17	16	21
9	16	21	18	16	19	22	17	17	22	19	20	17	17	18	****	24	25	21	22	24	30	30	32	30	22
10	26	26	27	29	34	32	25	22	21	21	18	21	21	22	21	22	22	22	21	23	27	25	23	19	24
11	20	19	20	20	21	20	21	19	21	23	17	19	17	17	17	17	17	17	17	17	18	18	17	17	19
12	18	17	19	24	21	20	19	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	17	18
13	17	17	17	18	18	19	22	18	17	17	17	17	17	17	18	19	18	17	17	18	20	22	24	24	19
14	24	27	29	28	29	32	26	26	24	24	22	21	21	21	40	22	21	20	21	22	22	26	27	27	25
15	23	25	22	22	21	23	30	32	29	23	25	25	23	23	22	20	20	19	20	20	21	21	19	22	23
16	22	19	20	15	8	4	****	****	****	****	****	****	****	50	23	18	17	18	20	22	23	25	23	19	20
17	21	22	23	25	19	18	18	17	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	18
18	17	17	16	16	17	18	18	19	20	23	21	20	20	20	40	19	19	19	19	20	21	20	18	18	20
19	19	19	18	17	17	20	21	19	19	18	18	19	17	18	19	19	17	15	16	17	18	19	17	19	18
20	19	23	22	24	22	21	20	20	20	20	20	19	20	19	20	19	18	18	18	19	25	27	22	18	21
21	17	15	15	16	17	18	22	21	17	16	16	16	16	18	16	16	15	15	15	16	16	16	16	16	17
22	17	18	17	17	18	18	23	24	25	21	17	17	****	22	21	23	23	21	21	20	19	18	16	17	20
23	17	18	20	17	16	16	16	17	16	16	16	16	16	16	16	17	17	16	16	16	17	18	19	21	17
24	22	23	25	26	24	23	25	22	20	18	17	17	****	19	20	21	21	20	19	22	23	24	22	20	21
25	19	18	20	19	19	21	23	21	21	20	22	19	17	17	17	17	18	26	18	18	18	17	18	18	19
26	17	18	19	21	21	21	24	26	21	20	19	20	20	19	22	25	22	23	25	27	24	26	27	28	22
27	25	22	20	20	19	20	17	18	20	19	18	19	19	18	19	19	19	19	19	20	21	21	20	18	20
28	17	17	17	18	17	19	23	24	23	22	22	20	20	20	-	-	20	18	21	20	-	-	-	20	20
29	21	22	23	18	17	19	20	18	18	20	21	23	****	23	19	20	22	22	23	25	24	26	23	23	21
30	24	30	33	24	21	20	21	20	19	18	18	18	18	18	18	18	19	18	19	21	21	23	21	24	21
31	27	22	23	22	27	26	32	31	24	21	21	21	21	21	22	23	23	22	21	21	22	21	21	20	23
MEAN	20	20	20	20	20	20	21	21	20	19	18	18	18	19	20	19	19	18	18	19	20	21	20	20	19.5

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	23	27	27	21	22	24	29	25	23	21	19	22	22	21	21	20	21	21	23	26	23	22	23
2	22	23	21	20	21	22	24	22	25	24	24	22	22	22	22	20	20	21	20	19	20	20	20	20	22
3	21	21	21	21	21	21	22	21	20	19	19	20	21	21	21	21	22	22	20	20	20	20	21	22	21
4	21	22	22	25	24	27	26	27	23	21	21	21	23	23	22	22	22	22	22	24	25	26	24	22	23
5	21	23	22	21	21	23	26	29	28	26	25	25	24	24	25	26	26	23	22	23	26	25	24	24	24
6	23	22	23	21	22	24	25	24	26	22	23	22	****	19	18	18	18	****	18	20	22	25	23	20	22
7	21	23	21	20	21	25	30	28	25	23	22	20	19	20	22	23	19	-	17	17	18	18	19	19	21
8	23	21	22	24	28	30	32	22	19	20	20	19	24	18	19	18	15	15	15	14	15	16	17	16	20
9	****	15	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
10	14	14	15	15	****	****	15	15	15	15	15	15	15	15	15	16	15	16	17	17	17	17	17	19	16
11	20	16	16	15	15	18	18	21	19	16	**	18	17	17	17	19	****	19	17	17	17	19	19	19	19
12	16	16	15	16	15	17	20	21	18	16	15	15	16	15	15	16	16	16	16	16	17	17	17	17	16
13	17	18	18	19	18	18	21	20	19	16	16	16	16	18	19	19	20	****	21	21	21	21	20	22	19
14	23	25	24	19	20	22	26	23	19	18	17	17	18	18	16	16	16	16	17	17	18	22	18	18	19
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16	15	15	17	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	16
17	18	17	18	18	19	19	20	19	20	18	17	17	18	17	17	17	18	18	18	19	18	18	17	16	18
18	16	17	17	17	16	19	21	25	23	21	21	21	20	22	23	24	23	21	20	20	20	21	21	23	21
19	25	23	24	30	28	27	****	26	21	17	17	17	16	16	16	17	17	20	23	22	18	19	20	21	21
20	20	19	19	20	20	25	27	27	22	20	19	19	19	****	20	21	20	19	18	18	18	18	19	18	20
21	17	17	-	****	17	19	20	20	19	19	18	18	18	18	18	18	18	17	17	17	17	17	18	23	18
22	18	17	17	17	17	20	23	24	21	20	20	19	20	21	21	22	21	21	20	20	20	21	22	24	20
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25	45	32	36	32	32	29	37	48	28	43	21	20	25	22	23	24	23	23	24	24	25	24	26	26	29
26	21	22	22	21	22	26	29	-	24	23	22	21	20	20	22	25	24	24	27	22	20	22	23	23	23
27	27	21	21	21	22	23	26	26	25	24	21	20	20	20	20	20	20	19	21	22	22	20	19	19	22
28	19	19	21	18	19	20	22	23	24	23	22	22	22	22	22	24	24	23	22	22	21	26	21	22	22
29	21	21	25	21	22	25	38	32	****	22	20	20	19	19	20	21	21	21	20	19	22	19	19	19	22
30	19	25	25	22	23	23	25	27	24	24	21	17	17	18	18	20	20	20	20	21	20	20	21	20	21
31	18	21	21	19	17	17	17	17	18	18	17	16	15	16	15	17	19	19	20	20	19	21	18	17	18
MEAN	21	20	21	20	20	21	23	23	21	20	19	19	19	19	19	20	19	19	19	19	20	20	20	21	20.1

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	15	15	16	17	16	16	16	16	18	17	18	19	18	19	17	16	19	20	17	17	16	17
2	17	16	16	15	15	16	20	25	23	21	22	22	18	17	17	15	16	15	17	18	18	18	20	20	18
3	20	19	17	18	19	20	22	20	18	16	****	18	17	17	16	22	21	21	22	26	28	27	23	23	20
4	23	20	29	30	35	36	36	32	24	21	21	20	20	21	22	23	22	21	21	-	23	23	20	18	24
5	17	17	17	18	18	18	19	20	18	****	18	17	17	17	16	16	16	16	17	18	18	18	21	19	18
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9	21	20	20	22	23	26	31	33	29	25	25	23	20	17	16	16	16	15	16	15	15	17	17	16	21
10	16	15	16	17	17	17	20	18	17	32	17	16	16	17	15	16	16	16	17	18	18	17	17	20	18
11	17	19	18	18	20	23	24	21	18	17	16	16	15	16	16	16	16	16	17	17	19	18	19	19	18
12	17	18	17	16	16	18	22	22	19	19	20	18	19	19	20	22	21	21	21	20	20	19	20	20	19
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17	16	16	16	16	16	18	20	19	18	18	****	17	15	16	16	17	17	17	17	17	17	17	18	21	17
18	19	17	17	17	18	17	19	22	21	21	20	19	21	20	21	20	22	20	24	23	24	23	21	19	20
19	19	19	19	20	20	22	24	23	20	17	19	17	17	17	18	22	23	25	26	39	23	22	21	20	21
20	20	21	20	20	21	22	23	23	23	21	19	19	18	17	17	17	17	17	17	19	19	19	17	16	19
21	17	17	18	18	19	19	17	16	17	17	18	18	19	19	19	19	21	19	19	17	18	16	16	16	18
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27	16	16	15	15	15	-	19	17	16	15	15	15	15	15	16	16	15	15	15	15	15	15	16	17	16
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30	39	33	34	27	25	29	33	28	24	24	24	21	20	20	20	-	21	21	22	20	22	23	20	23	25
MEAN	19	18	18	18	19	20	21	21	19	19	18	18	17	17	17	18	19	18	19	19	19	19	19	19	18.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. '-' INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	22	23	21	19	21	29	27	24	22	20	19	18	****	23	22	22	21	22	21	20	20	19	19	22
2	17	16	16	16	17	19	20	21	19	19	18	17	16	18	18	-	18	18	20	21	18	19	20	21	18
3	24	****	21	21	21	24	28	29	23	****	17	16	16	16	18	20	23	24	21	21	17	17	16	16	20
4	16	18	18	21	18	18	18	17	19	18	15	15	14	13	13	13	14	14	14	14	14	14	14	14	16
5	14	14	14	14	14	15	16	15	14	14	14	14	14	14	15	15	15	15	15	16	16	16	16	17	15
6	19	15	16	18	15	16	20	21	18	16	15	16	18	18	17	18	19	-	16	15	15	15	16	18	17
7	20	18	19	18	19	24	31	36	22	20	18	16	15	17	19	21	19	19	20	21	20	20	21	23	21
8	22	21	18	18	18	19	23	20	17	-	-	18	15	****	17	14	14	13	15	14	14	14	14	13	17
9	13	13	14	14	15	16	19	18	16	14	14	14	14	15	14	14	15	15	16	16	16	18	21	25	16
10	21	18	16	17	19	23	28	34	24	****	15	16	16	17	17	18	18	19	18	18	19	19	19	20	20
11	28	20	16	18	19	25	20	18	17	16	16	16	16	14	14	14	14	14	13	14	14	13	14	14	17
12	13	13	13	13	13	12	13	13	13	14	13	13	13	13	13	13	13	13	13	13	13	14	14	15	13
13	17	15	15	13	13	13	15	14	14	13	13	14	13	13	13	13	13	14	14	15	15	16	16	14	14
14	13	14	15	18	19	24	25	25	16	16	15	15	15	18	20	23	22	22	22	19	18	15	15	15	18
15	15	16	16	16	17	20	23	22	23	****	18	17	16	17	17	19	19	18	17	17	18	19	17	16	18
16	16	18	17	21	19	17	18	20	22	24	22	22	23	25	24	24	25	23	22	20	19	18	19	17	21
17	16	16	16	16	16	19	25	27	31	****	20	19	19	18	20	24	24	19	18	17	17	14	16	14	19
18	13	13	14	12	13	14	15	14	14	13	13	13	13	13	13	14	13	14	15	14	13	13	13	13	13
19	14	13	13	13	13	13	13	14	13	13	13	13	13	13	13	14	14	14	14	15	15	15	14	13	14
20	13	13	13	13	14	15	17	16	17	****	****	16	16	16	17	17	17	16	16	17	16	17	16	15	16
21	15	15	15	14	15	16	20	21	20	17	16	15	15	15	14	14	14	15	14	14	15	17	15	15	16
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25	15	15	14	15	15	15	16	15	15	15	-	16	16	16	15	16	15	13	12	12	12	11	11	11	14
26	12	12	12	12	11	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	12	13	13	12
27	13	13	13	13	13	13	13	15	15	14	14	-	14	13	14	14	14	15	15	15	15	14	14	16	14
28	16	16	14	15	15	14	17	16	15	14	14	12	12	13	12	13	13	14	14	14	13	13	13	13	14
29	14	14	13	13	13	13	13	15	16	14	13	13	14	14	14	13	15	17	15	15	14	15	15	14	14
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31	13	13	13	13	13	13	14	16	16	15	14	14	14	13	13	13	13	14	15	15	14	14	13	13	14
MEAN	16	16	15	16	16	17	19	20	18	16	16	16	15	15	16	16	17	17	16	16	16	16	16	16	16.3

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. '-' INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	12	13	13	14	14	14	13	12	12	13	13	13	13	13	13	13	13	13	13	14	14	13
2	14	14	13	13	14	14	14	14	14	14	14	13	13	13	13	14	14	15	16	19	21	23	22	21	15
3	20	26	22	-	19	15	17	18	19	17	16	16	16	16	17	21	23	21	21	17	16	17	17	16	18
4	16	15	13	13	13	14	16	15	14	13	15	13	13	-	15	15	15	15	15	14	14	14	15	13	14
5	13	13	13	14	13	13	13	14	15	13	13	13	13	13	13	13	13	14	13	15	16	16	15	15	14
6	14	13	13	13	13	15	15	16	16	15	14	14	13	13	13	13	14	14	13	13	13	13	13	13	14
7	13	13	12	12	13	13	15	19	19	16	15	15	17	19	20	22	24	25	28	23	15	14	13	13	17
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9	15	15	15	15	14	14	14	15	17	17	17	15	13	13	13	13	13	13	14	14	1	14	13	13	14
10	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	15	14	14	14	14	15	14	14	14	14
11	14	14	14	14	14	14	15	15	16	15	14	14	15	15	15	15	16	15	15	1	15	15	15	14	14
12	14	14	14	14	15	14	15	16	16	16	15	15	15	15	15	15	15	15	21	21	19	20	21	22	17
13	24	24	23	21	19	18	19	23	23	22	23	21	21	20	21	28	28	22	20	22	23	20	22	20	22
14	21	20	****	19	17	17	17	17	17	16	16	17	16	15	16	16	17	17	17	17	17	16	17	16	17
15	17	17	*18	18	18	18	17	18	17	17	17	16	16	16	16	16	16	17	17	17	17	16	17	16	17
16	16	16	17	18	18	19	18	17	17	16	16	16	16	16	16	16	17	19	20	20	23	26	29	29	19
17	33	33	30	27	25	24	27	28	31	27	-	18	18	17	18	20	21	21	19	19	23	16	16	16	23
18	16	16	15	15	15	15	15	16	17	17	15	15	15	15	****	18	18	18	17	16	16	16	16	16	16
19	16	16	16	17	16	17	19	21	19	18	18	18	19	19	19	19	20	20	20	20	19	18	20	20	19
20	20	20	22	21	20	20	20	21	20	20	21	20	20	19	19	19	24	23	22	21	20	20	20	20	21
21	19	18	19	19	19	19	21	23	22	18	18	17	18	18	17	19	19	18	18	18	19	18	18	18	19
22	18	18	18	18	18	19	21	23	22	19	19	19	19	20	19	22	22	22	21	20	20	20	20	21	20
23	22	23	21	21	20	20	21	21	22	23	22	22	23	23	23	23	24	23	25	22	22	24	23	23	22
24	21	21	21	22	24	25	27	26	29	27	29	****	28	22	20	19	22	20	19	20	19	19	18	17	22
25	17	17	17	17	17	17	18	19	20	20	19	18	18	18	17	18	19	20	20	19	20	21	22	22	19
26	22	23	23	22	21	23	23	26	29	26	22	19	18	18	19	19	21	26	28	29	31	31	26	24	24
27	-	22	23	22	25	29	22	22	22	21	19	19	18	18	****	19	19	19	18	17	17	17	17	17	20
28	17	16	16	16	16	16	18	24	22	20	19	20	21	21	19	19	19	21	19	20	19	19	19	16	19
29	17	17	18	16	16	14	14	15	15	16	16	16	15	15	15	15	15	15	17	16	16	16	15	16	16
30	15	15	15	15	16	15	15	16	16	16	16	16	16	16	17	18	18	18	19	18	18	17	18	18	17
MEAN	17	18	17	17	17	17	18	19	19	18	17	16	17	17	17	18	19	19	19	18	18	18	18	18	17.6

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	17	17	20	21	24	24	22	****	19	18	19	18	20	21	22	25	24	22	21	21	20
2	23	22	18	17	17	18	19	25	27	25	21	20	20	20	21	21	22	20	18	17	16	15	15	15	20
3	16	16	16	16	16	16	17	17	18	18	18	20	18	****	16	17	17	18	18	17	17	17	18	17	17
4	34	17	17	17	17	17	17	18	20	19	20	19	18	18	17	17	19	19	19	20	20	-	19	19	19
5	18	18	18	17	17	18	20	21	23	24	21	20	19	19	19	21	23	24	23	25	30	29	25	27	22
6	25	22	22	24	22	22	22	21	22	25	22	21	21	20	20	19	19	19	19	20	20	21	25	25	22
7	22	20	19	17	17	16	16	17	17	18	19	21	21	20	21	22	22	24	27	31	31	32	-	29	22
8	30	33	26	27	25	26	30	31	35	40	31	25	21	20	19	21	21	20	18	18	18	19	18	18	25
9	18	18	17	17	18	18	18	20	21	19	19	18	18	21	22	22	25	22	21	19	-	-	20	19	20
10	20	20	19	19	18	18	19	19	22	20	20	19	18	18	26	16	****	****	16	16	16	16	16	16	19
11	16	16	16	16	16	17	19	26	25	20	19	18	16	17	16	17	18	18	17	17	-	-	-	17	18
12	16	16	16	17	16	17	19	22	24	23	22	19	19	22	26	28	26	26	22	19	18	17	17	16	20
13	15	16	15	15	16	15	15	15	15	16	16	16	16	16	16	16	16	17	18	18	19	17	17	16	16
14	15	15	15	15	15	14	14	14	15	15	15	15	15	15	15	15	16	16	16	20	17	17	18	17	16
15	16	16	16	16	16	16	18	19	20	19	19	40	21	22	23	24	28	27	****	22	22	24	22	21	21
16	20	20	19	20	19	20	21	20	22	20	20	18	18	18	18	18	18	19	19	19	19	18	18	18	19
17	17	18	19	18	18	17	18	20	22	24	23	23	25	23	21	21	24	22	20	19	****	19	19	18	20
18	18	17	16	16	16	17	18	17	18	18	17	16	17	17	17	17	18	18	17	17	17	-	-	-	17
19	17	17	17	16	16	16	17	17	18	19	18	18	-	-	18	18	20	21	21	21	20	19	19	19	18
20	19	19	19	18	18	19	20	23	26	27	23	20	19	18	18	19	19	19	20	20	20	19	19	19	20
21	19	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	19	20	20	19	20	20	19	20	19
22	20	20	20	20	21	21	21	24	25	26	26	****	****	21	21	21	21	21	19	15	15	16	17	17	20
23	18	16	17	17	18	20	23	24	24	23	18	16	15	14	13	13	12	13	****	13	12	12	12	12	16
24	11	13	11	11	11	11	12	14	12	10	10	9	9	9	9	9	9	9	9	9	10	10	10	10	10
25	10	10	10	10	10	12	11	11	11	12	12	12	12	12	12	11	12	12	12	13	11	11	12	12	11
26	11	11	10	10	10	10	10	10	10	11	11	12	12	12	12	12	12	13	13	12	13	12	12	13	11
27	13	15	14	15	18	20	21	24	25	16	15	14	15	15	16	15	15	14	15	17	17	18	19	19	17
28	22	22	25	27	25	20	19	17	20	19	17	15	13	13	13	13	13	13	16	17	16	15	16	16	18
29	14	14	13	15	15	15	14	15	18	19	20	****	21	23	23	23	22	22	21	20	19	20	19	18	18
30	17	17	17	17	18	17	17	18	19	19	18	18	18	18	18	19	19	20	20	20	20	19	20	19	18
31	19	18	19	18	17	18	20	23	22	21	23	21	21	21	20	20	22	22	20	19	20	18	19	-	20
MEAN	18	18	17	17	17	17	18	19	21	20	19	19	18	18	18	18	19	19	18	19	18	18	18	18	18.4

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19.8	27	38
FEB	27	20.1	28	57
MAR	27	20.5	27	50
APR	27	18.9	25	38
MAY	31	19.3	28	49
JUN	30	21.5	34	46
JUL	31	19.5	25	50
AUG	31	20.1	29	48
SEP	30	18.7	25	39
OCT	31	16.3	22	36
NOV	30	17.6	24	33
DEC	31	18.4	25	40
YEAR	357	19.2	34	57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	9	360	345	15	0	0	0	0	729
FEB	9	271	347	9	0	0	0	0	636
MAR	0	239	423	9	0	0	0	0	671
APR	0	426	227	8	0	0	0	0	661
MAY	0	486	230	15	0	0	0	0	731
JUN	0	346	273	86	0	0	0	0	705
JUL	2	397	316	12	0	0	0	0	727
AUG	0	346	369	14	0	0	0	0	729
SEP	0	467	233	12	0	0	0	0	712
OCT	0	619	106	4	0	0	0	0	729
NOV	2	513	192	5	0	0	0	0	712
DEC	27	453	231	10	0	0	0	0	721
YEAR	49	4923	3292	199	0	0	0	0	8463

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.3	1	13.8	16.3	18.2	20.2	24.2	27.2	30.6	33.1	57	19.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	27	26	42	35	27	20	18	19	18	19	18	18	18	18	18	19	18	18	18	18	19	19	19	21
2	19	19	20	20	20	20	20	20	21	22	24	30	30	25	24	23	22	24	23	24	25	23	27	27	23
3	31	27	24	27	27	25	24	27	25	23	22	23	22	22	21	23	24	25	30	28	24	41	33	23	26
4	20	21	23	29	28	29	31	28	24	23	23	21	21	****	****	19	21	21	19	19	20	20	20	20	23
5	19	18	18	18	18	18	22	25	21	18	18	18	18	23	18	18	23	24	24	25	30	31	36	40	23
6	30	22	28	29	31	51	41	38	26	24	24	23	21	20	18	18	18	19	19	19	19	18	19	19	25
7	19	18	18	18	18	18	18	18	17	16	16	16	17	17	17	17	18	18	18	18	18	18	17	18	18
8	17	17	18	18	18	18	18	18	18	19	18	18	18	19	19	18	18	18	18	18	18	18	18	18	18
9	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18	19	19	19	18	19	19	19	18
10	19	19	20	20	29	24	21	35	24	21	21	20	19	19	19	19	19	20	20	20	20	20	20	21	21
11	20	20	20	19	19	19	20	20	19	17	17	17	18	****	18	17	17	17	17	17	17	17	17	17	18
12	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	18	18	18	18	18	19	19	18
13	19	19	19	19	19	22	22	19	19	19	20	19	19	19	20	20	21	20	21	22	21	20	20	19	20
14	19	19	19	19	19	19	20	21	21	21	20	20	19	19	19	21	23	22	23	21	19	19	22	21	20
15	20	20	24	50	37	29	30	25	34	32	26	22	21	****	19	19	20	21	23	22	20	19	19	19	25
16	19	19	19	19	20	20	20	21	21	20	20	20	20	20	19	19	20	20	20	20	19	19	19	19	20
17	19	19	19	19	20	21	22	30	30	29	26	23	22	22	21	21	22	23	23	22	19	19	19	19	22
18	20	19	19	19	19	19	20	21	21	21	20	20	20	19	20	19	19	19	19	19	19	18	18	18	19
19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	18	18	18	18	18	18	18
20	18	17	18	18	18	18	18	18	18	18	19	18	20	21	19	19	19	19	18	18	18	18	18	18	18
21	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	17	18	19	18	19	21	22	22	21	19
22	20	19	19	18	18	18	18	18	19	19	19	19	18	****	19	19	19	18	18	18	18	18	18	18	18
23	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	17	18	18	18	17	17	17	17	17
24	17	17	17	18	18	17	17	18	18	18	18	18	17	17	17	17	17	17	17	17	18	18	18	18	17
25	34	85	40	29	22	29	19	20	21	17	18	18	18	****	18	19	18	18	19	19	19	20	20	19	24
26	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	20	18	18	18	18	18	18	18
27	18	18	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
28	18	19	18	18	18	18	18	19	19	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	18
29	19	19	19	19	19	19	20	21	23	23	19	19	18	21	21	21	22	22	22	20	20	19	20	21	20
30	22	23	26	28	23	22	22	23	22	22	20	19	22	23	23	23	25	24	25	19	25	29	27	23	23
31	20	29	26	19	24	26	26	26	27	24	23	23	23	22	22	23	23	24	24	26	25	26	26	24	24
MEAN	20	22	21	22	21	22	21	22	21	20	20	20	19	20	19	19	20	20	20	20	20	21	21	20	20.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	27	27	26	24	20	23	25	24	24	23	21	21	20	19	19	18	18	18	20	21	26	23	23
2	23	19	19	21	18	19	20	20	21	20	18	19	21	21	19	18	18	18	18	19	19	19	19	26	20
3	20	19	19	24	26	31	27	28	22	19	19	23	26	22	23	22	28	24	18	20	22	24	28	26	23
4	27	19	24	27	28	24	24	23	20	20	20	21	18	19	22	20	22	24	24	21	20	20	22	25	22
5	20	21	22	23	23	23	23	36	32	25	22	19	21	20	19	18	27	24	32	38	34	28	35	39	26
6	33	68	49	39	38	27	22	22	22	22	22	20	19	20	20	20	20	20	21	21	20	20	20	21	26
7	22	39	36	33	30	29	27	26	27	26	26	24	23	25	25	23	23	23	24	23	23	19	21	23	26
8	24	26	25	21	25	27	23	23	23	24	22	22	22	22	21	24	23	22	25	27	26	20	20	28	24
9	35	32	44	38	32	21	19	21	28	33	27	26	25	24	23	24	25	27	30	29	28	22	19	27	27
10	26	26	18	20	19	29	28	28	27	27	24	20	18	18	17	17	17	17	17	18	18	19	18	18	21
11	19	19	19	19	19	19	19	20	20	19	18	18	18	18	18	18	18	19	20	20	19	19	20	21	19
12	19	18	18	18	19	19	19	23	22	21	19	19	18	****	19	18	18	18	18	18	19	19	19	19	19
13	20	20	20	20	20	20	20	21	22	21	20	20	20	19	19	18	18	18	19	19	19	19	19	19	20
14	19	19	19	19	20	20	20	22	21	21	20	22	23	19	18	18	22	19	19	20	26	22	21	23	21
15	22	24	48	41	23	72	63	30	32	26	30	24	21	****	20	20	20	20	20	20	20	19	19	19	28
16	21	21	20	21	20	27	29	22	19	20	20	22	19	23	22	19	20	22	19	19	20	19	19	19	21
17	20	20	26	21	21	21	21	21	26	22	19	18	18	18	18	18	19	19	19	19	19	19	19	19	20
18	19	19	19	20	20	21	21	22	22	21	20	20	19	19	19	19	19	19	19	19	19	20	20	20	20
19	20	20	20	20	20	20	20	20	20	21	20	20	22	23	25	27	25	28	42	45	57	32	31	34	26
20	29	25	24	34	72	33	42	28	33	25	24	27	27	26	26	26	26	25	26	26	24	24	25	25	29
21	23	23	23	22	27	27	25	23	23	25	28	26	25	28	22	23	22	22	21	21	21	20	20	20	23
22	20	20	20	20	20	20	19	21	21	21	20	20	21	21	****	21	21	21	22	26	25	21	20	21	21
23	20	20	20	19	19	19	22	22	22	22	20	21	19	21	20	20	23	22	22	23	23	23	25	23	21
24	21	21	21	21	20	19	19	19	19	19	18	18	18	18	18	18	19	18	18	18	18	19	19	19	19
25	19	19	19	19	20	20	25	22	25	22	19	20	22	22	22	21	19	19	22	22	21	20	21	22	21
26	23	23	22	21	23	23	24	23	23	22	21	20	19	19	18	18	18	18	18	18	18	18	18	18	20
27	18	18	18	18	18	18	18	18	19	18	18	18	18	17	17	18	18	18	18	18	18	18	18	18	18
28	21	19	19	22	24	25	25	26	25	25	27	19	21	21	20	20	20	20	21	21	19	21	21	23	22
29	25	23	22	21	20	21	21	21	21	21	21	20	****	19	18	18	17	17	19	20	18	21	19	18	20
MEAN	23	24	24	24	24	25	24	23	24	22	22	21	21	21	20	20	21	21	22	22	23	21	21	23	22.3

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	21	20	20	23	20	19	21	21	22	21	19	19	19	20	21	20	21	23	24	27	28	22	24	21
2	33	39	53	47	31	25	21	37	27	19	18	17	18	18	18	19	19	18	18	18	18	19	19	19	25
3	18	19	19	19	19	20	20	21	21	19	18	18	18	18	****	18	18	18	17	18	18	18	18	18	19
4	18	18	18	18	18	18	18	19	19	19	18	19	18	18	18	19	19	19	20	19	20	26	26	22	19
5	22	21	21	21	20	21	23	22	23	23	21	21	21	23	25	19	18	18	18	18	18	18	18	18	20
6	18	18	18	18	18	18	18	18	19	19	18	18	18	18	18	18	19	18	18	18	19	19	19	19	18
7	19	19	19	19	19	19	20	21	21	22	22	20	19	19	19	19	19	20	23	23	23	23	23	21	20
8	20	23	24	22	20	21	21	20	20	20	20	20	19	22	20	24	29	24	28	27	20	19	20	22	22
9	22	20	19	19	19	19	19	19	20	19	19	19	19	19	19	19	19	19	19	20	22	21	21	21	20
10	21	22	23	21	20	21	21	23	23	21	21	20	19	20	20	20	20	21	19	19	19	18	18	19	20
11	19	19	19	19	19	19	19	19	19	19	19	19	19	****	19	18	19	19	19	19	19	19	18	18	19
12	18	19	19	19	19	19	21	22	21	21	20	20	20	20	21	19	20	22	22	22	22	22	22	21	21
13	22	20	21	21	21	21	21	21	21	21	20	20	21	21	20	20	21	21	21	20	20	20	20	20	21
14	20	20	19	19	19	19	33	26	26	23	21	19	19	17	17	18	18	18	18	17	17	17	18	17	20
15	18	18	18	17	17	17	17	18	18	18	18	18	18	18	18	17	19	19	20	19	23	24	24	22	19
16	27	26	26	25	24	22	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	20	20	20
17	20	21	20	19	19	23	23	39	38	29	25	24	21	21	22	22	24	24	24	22	18	18	17	17	23
18	17	17	17	17	17	17	18	18	18	18	18	19	18	18	18	18	18	18	18	18	20	19	19	20	18
19	25	21	27	29	28	27	25	25	23	20	19	18	18	18	18	18	18	19	21	24	27	21	24	26	22
20	30	28	36	25	27	26	28	28	28	24	21	19	19	19	19	17	17	19	23	26	21	20	22	22	24
21	23	21	51	38	22	19	18	19	22	22	21	21	23	26	20	19	18	18	18	17	17	17	17	17	22
22	17	17	17	17	17	17	17	17	17	17	18	16	18	18	18	18	18	18	19	20	20	19	20	18	18
23	18	20	19	20	19	18	18	21	19	18	19	19	19	19	20	19	19	19	20	23	21	19	20	21	19
24	20	19	49	22	21	20	19	20	21	21	19	19	19	19	19	19	19	19	19	31	31	31	33	32	23
25	27	24	24	20	18	18	18	18	18	18	18	18	17	****	17	17	18	18	18	18	18	18	19	19	19
26	19	18	20	22	21	19	19	19	20	20	19	19	19	18	19	19	21	22	23	23	24	25	27	22	21
27	25	31	26	24	25	22	19	20	28	24	22	18	18	18	18	18	18	19	19	20	21	21	20	19	21
28	18	23	84	59	44	42	39	33	28	26	23	23	21	22	23	25	27	27	34	60	35	43	51	41	35
29	46	50	45	25	19	19	19	19	19	19	20	20	19	19	19	19	19	18	18	19	19	19	36	26	24
30	20	23	30	38	28	25	24	25	17	18	18	18	17	17	17	17	17	17	18	18	18	18	18	18	21
31	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	19	19	19	20	20	21	22	18
MEAN	22	22	27	24	22	21	21	22	22	20	20	19	19	19	19	19	19	20	20	22	21	21	22	21	21.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	24	20	21	23	24	26	26	25	23	21	20	20	19	19	19	19	22	24	21	22	23	22	22
2	22	22	21	21	21	21	21	28	27	21	20	19	17	17	17	16	19	17	18	18	21	21	23	27	21
3	23	24	34	31	22	21	25	28	21	18	18	18	18	18	19	19	19	20	20	20	20	19	19	19	21
4	18	18	18	18	18	27	23	19	18	18	19	18	19	19	19	18	17	17	17	17	17	17	17	17	18
5	18	17	17	17	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	18	18	19	19	19	18
6	19	20	20	20	19	20	20	21	20	19	18	18	18	19	19	19	19	19	18	18	18	18	19	19	19
7	19	19	19	19	19	20	27	24	23	20	20	20	20	18	18	20	22	21	20	22	19	19	20	21	20
8	19	19	19	20	20	21	20	20	21	19	18	18	17	****	17	17	17	18	18	17	17	17	18	20	19
9	19	18	20	21	21	23	25	25	24	21	20	19	19	18	17	16	17	18	19	20	19	19	19	19	20
10	19	18	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
11	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	18	18	19	19	19	20	19
12	24	23	22	20	19	22	21	21	21	21	21	22	23	23	24	21	18	18	18	18	18	18	17	17	20
13	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	19	19	18	18	18	19	21	18
14	23	21	18	18	18	17	17	17	19	18	18	18	18	18	18	18	18	17	17	17	18	19	19	17	18
15	16	16	16	16	16	16	16	16	16	16	15	15	16	****	17	17	17	16	16	16	16	16	16	17	16
16	17	17	17	17	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	20	20	21	19	19	19
17	19	19	19	19	19	19	20	20	19	19	21	19	19	18	18	19	19	18	18	19	20	20	20	20	19
18	19	20	20	20	21	23	22	22	23	21	20	19	18	18	18	18	18	18	20	20	23	26	37	28	21
19	21	21	32	27	36	35	23	22	22	23	23	21	20	20	20	20	21	21	22	23	24	27	30	23	24
20	19	19	19	18	19	29	27	28	22	19	19	18	18	18	18	20	19	19	20	21	23	23	26	28	21
21	30	23	21	21	22	26	21	23	22	20	20	19	19	20	20	19	19	20	22	23	26	26	32	34	23
22	34	26	23	35	35	27	23	19	19	19	18	18	17	****	19	19	19	19	19	19	20	20	19	19	22
23	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	17	17	18	19	19	25	19
24	32	27	25	23	21	20	19	22	21	21	20	19	18	19	****	20	20	20	20	20	20	21	23	24	22
25	21	37	21	24	27	22	22	21	23	24	22	21	20	20	20	21	21	20	19	19	20	22	23	23	22
26	28	26	25	22	28	29	24	22	22	21	20	19	19	19	20	21	22	26	32	36	41	31	26	30	25
27	29	40	47	42	39	35	31	24	23	23	21	20	19	19	19	19	19	19	19	21	20	20	20	20	25
28	20	20	20	20	20	20	20	21	21	21	21	21	21	21	20	20	20	20	20	19	19	19	19	19	20
29	19	19	19	19	19	19	21	23	23	22	20	20	20	18	19	19	19	19	19	20	20	21	20	22	20
30	20	41	24	21	42	45	29	25	22	22	23	22	20	21	21	21	23	23	22	29	38	45	40	38	28
MEAN	21	22	22	21	22	23	22	21	21	20	20	19	19	19	19	19	19	19	19	20	21	21	22	22	20.6

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	29	27	23	21	21	23	25	24	21	19	19	18	****	20	23	23	23	24	24	38	35	31	21	24
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5	20	21	23	22	32	24	22	21	21	21	20	19	19	18	18	18	17	17	18	19	20	20	21	20	20
6	18	21	19	18	19	18	18	19	19	20	20	21	****	19	18	18	18	19	18	18	20	20	27	25	20
7	30	19	20	20	19	19	19	20	18	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18
8	18	18	18	18	18	18	18	19	18	18	18	18	19	19	18	18	18	18	19	19	18	19	19	19	18
9	20	19	19	18	18	18	19	19	19	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19
10	19	19	20	19	20	21	22	19	19	19	20	20	21	21	21	21	21	22	21	20	20	21	20	20	20
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14	28	21	22	23	19	20	20	19	19	19	19	18	****	23	22	20	19	18	18	21	21	21	21	20	20
15	20	19	19	20	20	19	19	20	19	19	19	19	20	19	19	18	18	18	18	19	22	23	22	23	20
16	35	42	35	24	23	23	23	26	23	21	20	20	****	20	20	20	20	21	21	22	26	30	29	37	25
17	36	42	30	28	26	29	34	28	21	21	21	21	20	20	20	20	20	21	21	21	22	21	21	19	24
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20	31	33	33	32	31	25	22	21	21	21	21	21	22	21	21	21	21	21	21	25	32	49	32	37	26
21	39	32	33	30	28	24	29	27	24	23	26	30	****	26	24	23	24	22	21	21	22	21	21	20	26
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23	23	22	29	29	34	28	26	26	26	26	24	23	26	****	22	22	20	24	24	25	52	37	28	23	27
24	22	30	21	22	29	24	26	37	27	25	22	19	18	17	18	20	24	23	22	19	24	26	25	30	24
25	36	30	26	24	23	25	25	19	19	19	19	19	19	19	19	19	20	20	21	21	23	23	25	27	23
26	29	29	30	28	23	23	24	24	22	23	23	22	23	24	23	22	23	24	24	23	21	21	21	22	24
27	25	27	27	28	25	23	23	24	26	23	23	21	****	20	20	24	23	31	34	38	31	32	30	27	26
28	25	32	20	21	26	28	29	27	26	21	20	20	23	22	22	22	23	22	22	24	25	27	27	31	24
29	36	33	39	35	27	37	30	33	23	22	21	21	20	20	19	19	20	21	21	20	20	20	20	19	25
30	20	20	20	29	35	32	26	29	29	26	27	27	26	23	23	23	22	21	24	25	25	24	23	19	25
31	21	21	19	19	22	22	20	20	20	19	18	18	21	19	19	19	19	18	19	19	19	19	19	19	20
MEAN	27	26	25	24	24	23	23	23	22	21	21	20	21	20	20	20	20	21	21	22	24	24	25	24	22.6

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	19	18	18	19	19	19	19	19	19	21	21	22	20	20	21	21	21	21	20	19	20
2	19	20	20	19	19	19	20	24	24	25	25	27	23	20	19	21	19	19	19	28	24	26	37	24	23
3	31	27	28	23	27	29	26	26	26	24	21	22	****	31	20	19	18	19	19	20	20	19	20	22	23
4	20	22	21	20	24	21	21	22	21	20	21	21	21	22	22	21	21	21	22	21	21	23	23	22	21
5	22	28	29	33	22	26	28	49	23	23	22	21	21	21	22	21	21	21	22	23	23	22	22	21	24
6	20	20	21	21	22	21	22	23	25	25	24	24	25	24	23	23	24	23	25	27	25	22	23	22	23
7	21	24	24	23	21	21	21	21	22	22	22	21	22	22	23	31	22	22	21	22	22	22	23	24	22
8	22	21	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	19	19
9	19	19	19	19	19	19	24	21	20	18	18	19	19	18	21	18	17	17	18	18	21	19	19	19	19
10	19	19	19	19	19	19	20	19	20	18	18	****	****	18	18	18	18	16	19	19	19	19	19	19	19
11	18	19	19	19	19	21	22	21	19	19	19	19	19	19	19	19	19	19	21	20	20	20	20	21	21
12	28	36	27	30	27	25	25	25	24	24	27	24	22	21	21	20	20	22	21	22	25	24	23	23	24
13	24	27	33	25	25	31	25	22	21	26	22	20	****	21	22	21	19	19	19	19	29	29	34	36	25
14	38	59	59	44	49	58	40	34	31	30	28	24	20	22	19	20	20	22	25	24	20	21	22	24	31
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16	18	21	22	26	24	21	22	23	21	21	20	20	21	20	20	20	21	21	20	21	21	25	23	22	21
17	23	22	22	22	22	23	23	23	20	21	23	22	****	20	19	19	19	19	20	19	20	18	18	18	21
18	18	18	18	18	18	19	19	19	18	18	18	19	23	22	21	21	21	23	21	21	25	24	31	27	21
19	37	41	33	32	37	34	33	24	21	21	21	21	21	22	22	23	23	22	23	23	21	24	27	22	26
20	24	22	21	18	18	18	19	20	19	20	20	20	19	19	19	****	21	19	19	19	22	24	22	23	20
21	21	20	21	22	21	21	21	21	20	20	20	20	20	20	19	19	19	19	19	21	22	23	26	25	21
22	27	28	27	25	27	44	30	30	27	25	22	23	22	22	21	22	22	22	21	20	42	42	40	40	28
23	43	50	46	48	48	46	46	43	41	43	43	41	43	42	42	38	38	39	38	39	41	40	45	58	43
24	47	54	50	49	52	50	49	47	45	43	42	42	24	24	****	23	22	22	22	22	24	27	28	23	36
25	23	25	26	27	32	34	29	28	25	24	25	25	22	22	22	21	23	23	21	19	19	20	20	22	24
26	22	25	22	22	22	22	22	23	22	21	20	****	19	18	20	18	17	17	18	18	20	20	21	31	21
27	23	24	33	25	21	23	23	23	22	22	21	21	21	21	21	20	20	21	21	21	23	24	28	26	23
28	27	27	21	21	21	20	19	20	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	21
29	20	20	35	24	21	22	23	21	20	20	21	20	20	21	21	21	21	20	20	25	21	20	19	19	21
30	19	19	19	19	19	19	19	19	19	19	19	19	20	19	19	19	19	18	18	18	19	20	21	21	19
MEAN	25	27	27	25	25	26	25	25	23	23	23	23	22	22	21	21	21	21	21	22	23	23	25	25	23.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	21	22	21	20	20	20	20	19	22	21	22	20	19	18	18	18	20	23	26	24	24	21
2	24	23	21	21	21	22	23	22	22	21	21	21	23	19	20	20	19	19	19	20	23	27	23	21	21
3	27	26	24	30	27	20	22	24	24	21	21	21	21	****	19	19	19	19	17	18	22	22	22	22	22
4	21	26	22	22	22	26	28	22	21	21	18	18	19	19	19	19	19	21	20	24	22	39	35	36	23
5	34	73	42	41	29	25	24	24	23	23	23	21	18	18	18	18	17	17	17	17	18	19	20	20	25
6	22	22	22	22	22	21	21	21	20	21	20	20	20	20	20	21	21	21	23	26	28	28	27	24	22
7	23	26	26	23	23	23	23	23	21	****	****	23	23	23	22	21	21	21	21	21	21	21	23	23	23
8	23	23	23	23	24	24	24	24	21	21	21	21	23	22	****	24	22	20	20	21	25	25	24	****	23
9	- DATA INVALID -																								
10	****	****	****	****	****	****	****	****	****	****	25	25	26	26	24	24	23	24	24	25	26	24	24	24	******
11	25	25	25	25	26	26	25	26	24	24	23	22	21	21	21	21	21	21	22	23	23	23	23	24	23
12	29	29	26	25	24	26	25	24	24	24	23	22	22	21	21	21	21	22	22	22	25	26	26	26	24
13	24	27	30	29	30	26	22	23	23	23	22	22	21	21	21	22	22	22	22	21	21	22	23	24	23
14	28	28	29	30	30	29	28	28	25	****	****	****	19	16	16	16	18	18	18	18	17	19	21	20	22
15	21	20	19	19	18	18	21	23	25	25	24	23	20	20	17	17	16	16	16	17	18	18	18	18	19
16	17	18	18	18	17	17	17	18	19	18	****	****	17	16	16	16	15	15	16	17	18	19	19	19	17
17	23	23	23	23	21	19	19	18	18	17	17	16	16	****	****	17	17	17	17	16	18	18	19	21	19
18	23	22	22	23	24	26	25	25	26	24	24	21	19	18	18	18	18	18	18	18	19	19	20	21	21
19	23	23	21	21	21	22	22	24	24	23	21	21	21	19	17	17	17	16	16	16	17	18	19	22	20
20	25	24	23	28	29	27	26	24	23	23	23	23	24	23	22	22	20	18	19	19	21	23	25	21	23
21	21	21	20	20	20	21	21	22	21	21	****	16	16	16	15	15	15	15	15	17	17	17	18	20	18
22	18	18	18	18	18	18	19	20	20	19	****	****	****	27	27	****	27	27	25	25	25	26	****	26	22
23	****	****	26	25	25	25	25	25	****	25	25	****	27	27	26	26	****	25	****	27	30	30	29	30	27
24	29	28	30	29	28	28	29	28	27	****	24	****	****	17	17	17	16	15	15	16	16	16	15	15	22
25	14	14	14	13	14	14	14	13	13	13	****	14	14	14	14	14	14	14	13	13	14	14	13	13	14
26	16	15	16	22	35	25	22	20	19	18	17	17	16	16	17	17	17	17	18	18	18	19	19	19	19
27	20	20	20	29	31	24	19	****	16	16	16	16	****	15	15	****	15	****	15	15	15	15	14	15	18
28	16	****	15	****	15	15	15	16	****	16	25	26	24	24	24	22	21	21	21	21	19	18	18	18	20
29	20	20	20	20	20	20	20	22	22	21	20	20	22	21	19	18	19	18	18	20	22	26	41	32	22
30	26	25	24	24	23	21	20	20	21	21	21	17	22	18	17	17	16	16	17	17	19	20	21	21	20
31	22	28	25	29	34	30	25	24	24	23	23	24	24	24	22	21	21	22	23	23	23	23	22	21	24
MEAN	23	25	23	24	24	23	22	22	22	21	22	20	21	20	19	19	19	19	19	20	21	22	22	22	21.4

PERCENTAGE OF DATA VALID - 90.7 PERCENTAGE OF DATA INVALID - 9.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	32	26	27	26	39	31	25	25	25	19	19	****	18	18	18	17	17	17	17	18	18	18	19	22
2	21	21	21	21	21	22	23	21	21	22	20	21	22	22	21	19	18	18	18	18	18	18	18	19	20
3	21	21	21	21	21	25	26	23	21	20	19	19	19	20	20	20	20	19	19	21	21	23	25	24	21
4	22	40	36	31	24	23	22	22	22	20	20	20	20	19	19	19	19	19	20	20	20	20	20	20	22
5	20	21	24	26	27	26	26	24	24	24	23	23	21	21	21	19	18	18	17	18	18	18	16	16	21
6	18	18	18	18	18	18	19	19	18	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7	- DATA INVALID -																								
8	****	****	****	****	****	****	****	****	****	****	****	20	20	20	20	20	19	19	19	19	19	19	19	20	******
9	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	20	21	22	22	26	27	28	26	21
10	21	22	25	29	26	24	27	26	24	21	21	19	19	19	20	20	20	20	24	21	21	21	21	21	22
11	45	46	40	38	38	33	32	28	25	21	19	18	18	18	18	18	19	20	21	21	20	21	31	29	27
12	27	22	21	19	18	19	20	20	18	18	17	17	****	17	16	16	16	16	17	18	19	20	20	18	19
13	19	19	19	19	20	20	21	20	18	18	17	17	18	18	19	19	20	20	20	23	26	27	23	23	20
14	30	25	26	23	23	21	21	21	20	17	17	16	17	16	16	16	16	15	15	16	17	18	22	19	19
15	18	17	17	17	17	17	17	17	18	18	17	16	17	17	18	18	18	18	18	18	17	16	16	16	17
16	17	17	17	17	17	16	17	18	18	18	17	17	17	17	17	17	17	18	19	20	20	21	22	23	18
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18	17	17	17	17	17	17	18	19	18	18	18	17	****	17	17	17	17	17	18	19	21	24	23	18	18
19	33	32	23	21	19	19	19	19	18	16	16	15	14	14	14	14	15	16	17	21	23	25	25	25	20
20	38	28	24	25	33	29	35	34	25	23	23	23	18	18	17	17	17	17	17	17	16	16	17	16	23
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22	17	17	17	17	17	17	17	19	18	18	17	16	16	17	18	18	18	18	19	19	20	28	23	24	19
23	25	24	23	19	18	19	18	17	17	17	16	16	16	16	15	15	15	16	17	19	20	19	21	22	18
24	23	21	17	18	20	18	21	22	20	18	18	17	16	16	16	16	16	16	18	30	33	23	23	26	20
25	23	24	21	20	20	22	28	34	24	19	17	17	21	19	17	16	17	17	17	18	18	21	19	18	20
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27	20	20	20	20	21	21	22	22	21	20	19	17	18	17	17	17	17	17	18	18	21	20	22	21	19
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PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 7.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	19	19	19	21	21	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19
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8	21	22	22	21	21	21	22	22	23	22	22	22	22	22	23	23	23	26	28	29	24	22	22	24	23
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12	25	26	25	25	28	29	29	28	24	26	25	****	18	18	19	22	23	42	44	34	30	40	27	37	28
13	87	40	30	26	23	22	23	23	24	24	22	21	20	20	21	21	21	21	21	22	25	36	32	33	30
14	24	23	21	21	21	20	22	21	23	23	22	22	23	25	21	21	21	22	21	21	20	19	20	25	22
15	32	30	22	25	21	22	20	20	19	19	18	18	20	19	20	23	25	25	27	27	24	28	31	25	23
16	32	30	36	32	23	22	28	28	25	23	22	22	22	22	22	23	24	31	44	37	28	27	48	43	29
17	41	34	28	26	34	32	55	67	64	27	23	23	24	24	24	26	26	25	25	25	25	24	23	23	31
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19	19	20	20	20	19	19	20	20	23	24	19	18	18	18	18	19	19	19	18	18	18	18	19	20	19
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25	23	22	22	23	25	27	23	24	25	26	24	23	22	****	18	18	18	18	18	18	19	19	21	21	22
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28	19	18	18	18	18	18	19	20	20	20	20	21	21	****	20	19	19	19	19	19	19	19	18	19	19
29	19	18	18	18	18	17	17	16	17	17	17	17	17	17	17	17	17	17	17	17	16	17	17	17	17
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MEAN	25	23	23	23	22	22	26	26	26	25	22	22	22	22	22	22	22	24	25	24	23	25	26	24	23.6

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	19	19	19	21	21	21	21	20	20	21	21	24	37	25	26	27	25	26	26	22
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6	44	39	37	39	33	31	32	33	31	28	26	25	22	19	20	20	21	21	21	20	20	35	24	25	28
7	29	27	25	21	23	23	22	23	22	36	30	43	29	25	25	39	43	26	37	37	33	32	27	25	29
8	24	24	24	32	37	29	32	35	36	36	28	17	16	15	16	19	20	18	16	16	16	16	17	17	23
9	16	16	16	16	16	16	16	17	18	18	17	17	16	****	18	18	19	19	20	19	18	18	19	18	17
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18	19	18	18	18	18	18	18	18	19	18	18	18	17	18	18	18	19	18	18	18	18	17	17	17	18
19	18	18	18	18	18	18	19	19	20	21	19	18	19	19	19	19	20	21	21	21	21	20	19	20	19
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29	22	21	22	22	49	44	46	26	27	48	33	41	38	38	48	35	29	29	29	31	27	25	23	27	33
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31	52	28	21	21	20	20	21	23	24	27	27	25	24	24	24	24	23	22	22	24	24	24	23	22	23
MEAN	25	24	22	22	23	23	23	22	23	25	23	23	22	22	22	22	22	23	23	23	24	24	23	23	23.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	20.4	26	85
FEB	29	22.3	29	72
MAR	31	21.1	35	84
APR	30	20.6	28	47
MAY	31	22.6	27	62
JUN	30	23.5	43	59
JUL	29	21.4	27	73
AUG	28	20.2	27	47
SEP	30	21.0	31	49
OCT	24	20.5	28	62
NOV	30	23.5	36	104
DEC	31	23.0	33	69
YEAR	354	21.7	43	104

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	460	257	20	1	0	0	0	738
FEB	0	225	429	34	4	0	0	0	692
MAR	0	404	301	35	1	0	0	0	741
APR	0	383	303	30	0	0	0	0	716
MAY	0	202	480	54	1	0	0	0	737
JUN	0	182	453	77	0	0	0	0	712
JUL	0	229	434	11	1	0	0	0	675
AUG	0	357	309	24	0	0	0	0	690
SEP	0	360	310	37	0	0	0	0	707
OCT	0	335	209	35	1	0	0	0	580
NOV	0	174	480	54	6	2	0	0	716
DEC	0	227	444	70	1	0	0	0	742
YEAR	0	3538	4409	481	16	2	0	0	8446

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.2	11	16.9	18.3	19.7	21.7	26.8	31.4	38.6	44.5	104	21.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	17	18	19	20	14	13	13	12	12	12	11	11	11	11	11	12	11	12	12	12	12	11	13
2	12	12	12	13	13	12	13	18	17	16	13	14	13	13	13	13	13	12	11	12	12	12	12	13	13
3	11	12	12	10	11	10	11	13	13	12	11	11	11	10	12	11	13	12	12	13	12	12	14	13	12
4	12	14	16	16	15	15	17	18	18	17	15	15	25	17	17	18	18	16	16	17	16	18	17	16	17
5	15	15	17	17	****	16	15	16	16	16	16	16	16	16	16	17	17	16	17	17	17	17	18	20	16
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7	16	16	16	16	16	16	17	17	16	18	16	****	16	16	16	15	16	16	15	16	16	17	17	16	16
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15	18	19	19	20	19	19	20	26	37	32	23	19	19	21	22	21	22	21	20	19	18	17	18	17	21
16	17	17	17	16	16	16	16	17	18	17	17	17	17	17	****	****	18	****	17	16	17	17	17	18	17
17	17	17	18	18	19	20	22	26	32	27	22	21	20	20	21	21	21	21	21	25	26	20	19	19	21
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31	14	14	14	13	13	14	14	15	18	16	17	16	15	14	15	15	16	15	15	15	14	14	14	14	15
MEAN	16	16	16	16	16	16	17	18	19	18	17	17	17	17	17	17	18	17	17	17	17	16	16	16	16.8

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	15	13	14	14	15	16	17	16	14	15	14	14	14	15	16	16	16	18	17	16	16	16	15
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4	17	17	17	17	17	17	18	21	20	****	****	****	****	19	20	20	20	20	20	19	19	19	20	21	19
5	22	24	24	24	23	21	22	24	25	22	20	****	20	21	22	22	-	-	24	23	22	23	22	22	22
6	21	22	20	20	20	19	19	21	19	19	19	18	16	16	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	****	****	****	18	18	18	18	18	19	19	19	16	14	14	15	15	******
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9	16	16	16	17	16	16	15	16	16	16	15	15	15	15	15	15	15	15	16	16	15	15	15	16	16
10	16	15	15	16	15	14	15	14	14	14	14	14	15	16	16	17	16	15	15	15	15	15	14	14	15
11	15	16	16	16	17	16	16	17	18	19	16	****	17	17	18	18	17	18	18	18	20	19	18	17	17
12	17	17	16	16	16	16	19	23	25	20	19	19	18	19	19	18	19	18	17	17	19	18	19	19	18
13	18	18	20	18	17	17	17	19	20	19	18	18	19	19	19	****	18	17	16	16	16	16	17	17	18
14	17	17	17	17	17	17	18	20	21	21	19	18	17	17	17	17	18	18	19	19	17	18	19	20	18
15	20	20	20	21	22	21	22	26	27	26	26	23	19	17	17	****	18	18	****	16	16	16	****	15	20
16	17	19	17	16	16	17	16	16	17	17	17	****	18	16	15	15	15	16	15	15	16	16	16	16	16
17	17	18	17	19	18	18	18	18	17	17	16	16	16	16	16	15	15	15	15	15	15	15	16	16	16
18	16	16	16	16	16	17	16	17	19	18	17	16	17	16	17	18	19	17	16	16	17	18	18	18	17
19	18	17	17	16	17	17	17	18	20	21	19	21	20	20	22	23	28	25	25	26	22	22	25	23	21
20	20	21	20	21	26	26	26	29	24	22	22	22	23	25	27	27	27	27	33	29	26	26	24	26	25
21	24	23	23	22	20	19	20	23	22	21	21	22	22	24	25	24	22	19	18	17	16	16	16	16	21
22	15	15	15	15	15	15	16	16	17	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	******
24	21	24	22	23	23	23	26	23	22	26	25	24	22	23	23	23	23	22	22	20	18	19	19	20	22
25	20	19	18	19	19	19	21	23	23	23	20	20	22	24	24	26	24	22	22	22	21	22	21	21	21
26	20	20	19	19	18	18	19	20	20	20	18	17	18	19	20	21	22	20	19	18	17	18	18	18	19
27	18	18	17	18	17	17	****	19	22	22	23	22	23	22	21	19	20	21	19	19	18	18	17	18	19
28	18	18	19	18	19	20	20	21	21	21	20	20	20	21	20	20	22	21	21	20	19	18	19	20	20
29	21	20	19	18	18	18	19	19	20	20	20	****	32	30	29	29	30	28	29	28	28	27	27	28	24
MEAN	18	18	18	18	18	18	18	20	20	19	19	19	19	19	19	20	20	19	19	19	18	18	18	19	18.7

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 10.5 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - MAR BO

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	29	29	28	28	27	27	28	28	29	28	28	28	29	28	28	29	28	29	29	30	29	28	29	28
2	29	29	32	29	28	28	28	30	27	26	26	26	26	27	28	****	26	25	24	24	25	24	24	25	27
3	26	25	26	25	25	26	26	29	30	29	****	****	28	28	28	27	****	28	25	25	24	24	25	26	26
4	25	23	24	24	24	26	26	28	27	27	29	24	23	24	24	26	29	27	26	25	26	28	25	24	26
5	23	22	22	22	22	23	27	28	29	31	27	24	26	34	34	33	30	27	26	27	25	24	24	25	26
6	25	24	24	23	23	23	23	25	27	26	26	27	28	29	27	27	27	25	23	24	24	24	24	23	25
7	24	23	23	23	25	25	25	27	29	26	25	19	24	26	26	26	26	25	25	25	27	26	25	24	25
8	26	26	28	26	26	25	25	26	27	26	27	27	27	27	28	27	28	27	27	24	24	23	24	26	26
9	26	25	23	23	23	24	24	23	23	23	24	26	27	28	28	30	28	26	26	25	25	25	24	24	25
10	23	24	22	21	21	23	23	26	27	26	25	26	26	26	25	26	25	25	26	23	25	24	25	23	24
11	22	20	21	21	23	23	24	24	24	22	23	26	26	28	27	28	29	27	27	26	25	26	26	24	25
12	24	26	25	25	25	25	25	27	27	27	27	21	23	24	26	26	27	26	26	25	27	27	28	29	26
13	24	22	23	23	23	23	25	26	26	25	26	26	25	25	27	26	26	25	24	25	23	24	24	24	25
14	23	23	22	22	22	22	23	31	34	32	29	30	28	29	25	28	30	30	30	28	29	28	28	27	27
15	27	27	26	25	26	25	25	26	28	29	30	30	31	33	33	33	32	32	31	31	30	29	30	30	29
16	30	30	32	31	30	26	26	26	26	27	29	30	29	31	31	32	31	32	31	30	31	30	30	30	30
17	30	31	30	30	32	34	40	49	52	44	44	****	23	35	33	33	34	33	35	39	34	31	30	28	35
18	27	27	25	26	25	24	24	25	26	26	27	22	26	27	27	27	26	25	25	26	24	23	24	26	25
19	27	28	34	33	44	36	27	25	25	25	28	****	****	****	25	29	32	34	41	39	34	36	27	25	31
20	26	21	22	23	22	22	27	37	43	37	35	34	35	35	26	28	29	31	32	29	27	27	29	31	30
21	29	28	30	33	29	28	28	30	32	30	30	30	32	32	30	28	26	24	23	21	21	22	20	20	27
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23	20	20	19	19	19	19	20	19	20	20	21	21	20	21	21	21	20	19	19	20	20	19	19	20	20
24	19	19	22	22	21	21	21	23	23	23	****	22	23	23	23	24	23	23	25	24	26	25	24	24	23
25	22	21	20	20	19	20	19	21	20	20	19	20	20	21	21	21	22	21	20	20	20	20	21	21	20
26	20	19	19	19	19	19	20	22	22	22	21	22	22	22	23	24	23	23	23	26	25	24	26	24	22
27	22	21	21	22	22	22	27	30	25	23	23	****	22	24	23	23	23	23	22	22	22	22	20	20	23
28	20	19	20	23	27	26	27	28	31	26	25	23	23	22	23	21	22	22	25	34	31	27	26	25	25
29	26	26	22	21	20	20	19	19	19	20	19	19	20	19	19	19	20	20	19	19	19	20	19	20	20
30	19	19	19	19	19	19	18	17	18	19	21	21	20	20	22	22	23	21	21	20	19	18	19	18	20
31	18	17	17	17	18	17	17	18	18	17	16	17	17	17	17	17	17	16	16	16	16	18	19	21	17
MEAN	24	24	24	24	24	24	24	26	27	26	26	25	25	26	26	26	26	26	26	26	25	25	24	24	25.1

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - APR BO

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	20	21	24	21	20	22	26	26	-	20	19	18	21	21	22	21	21	26	20	19	18	22	25	22
2	26	28	25	25	24	23	22	22	21	20	19	19	20	20	20	18	18	19	22	20	19	18	18	19	21
3	17	18	19	20	20	21	23	25	18	17	****	****	-	17	19	19	19	20	19	18	17	17	16	16	19
4	16	16	15	15	15	16	16	20	18	17	18	18	18	18	18	17	16	16	15	15	15	15	15	15	16
5	15	14	14	14	14	14	15	15	16	16	16	16	16	16	16	15	15	16	16	17	19	21	20	20	16
6	18	18	18	20	19	18	18	17	17	17	16	16	16	16	17	17	17	17	17	16	16	16	16	16	17
7	16	16	17	17	18	19	22	21	20	****	16	17	17	17	18	19	19	17	18	18	21	22	22	19	19
8	18	18	17	17	19	19	20	21	19	****	****	****	****	19	17	17	19	16	15	15	16	16	17	-	18
9	16	17	16	20	22	23	25	22	21	18	19	****	17	17	18	17	19	17	17	17	16	17	16	18	18
10	16	17	15	15	15	15	15	16	17	18	17	16	16	16	16	17	19	18	17	16	15	17	15	15	16
11	15	16	15	16	15	16	16	18	19	19	19	18	17	17	19	18	18	18	16	17	18	22	18	18	17
12	18	18	17	17	18	19	18	19	19	18	19	20	20	18	22	24	21	17	17	16	16	15	15	16	18
13	16	15	15	15	15	14	14	14	14	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15
14	15	15	15	14	13	14	14	15	15	15	14	14	14	14	15	14	17	14	14	15	16	16	16	17	15
15	14	14	14	13	14	14	14	15	15	15	15	15	15	15	15	17	17	17	16	15	15	14	14	13	15
16	13	12	12	12	12	12	12	13	13	13	12	13	13	****	16	16	16	15	16	16	15	15	15	17	14
17	17	16	17	17	18	18	20	21	18	18	18	18	17	17	17	18	19	18	19	19	18	17	18	18	18
18	18	20	20	20	19	20	22	22	20	20	****	19	19	19	16	18	18	17	19	21	20	21	21	20	20
19	22	21	19	20	20	21	23	23	20	21	22	23	20	20	20	20	19	18	19	19	23	24	21	22	21
20	27	21	18	17	19	22	24	19	18	18	16	17	16	16	17	16	16	16	17	19	20	20	19	20	19
21	19	18	19	19	19	19	19	20	22	20	18	16	16	17	17	17	18	19	21	19	21	-	-	21	19
22	22	23	24	25	25	28	22	19	19	17	17	18	18	-	-	22	22	20	19	20	19	19	-	18	21
23	18	17	17	-	17	18	19	19	20	20	21	19	17	17	17	16	18	20	17	17	17	17	17	17	18
24	17	18	1	17	17	17	18	19	20	20	21	20	20	20	18	18	18	17	18	19	19	19	20	19	18
25	20	24	20	18	18	18	18	19	19	19	****	16	18	19	18	19	19	19	17	18	18	20	20	20	19
26	22	24	23	22	22	22	20	20	19	18	18	18	17	17	17	18	18	20	20	23	23	20	20	26	20
27	25	22	21	22	21	21	21	22	22	21	19	18	17	17	17	18	19	19	20	19	19	19	19	19	20
28	19	18	19	18	18	19	19	21	20	20	20	20	20	20	20	20	18	18	17	18	18	18	18	18	19
29	18	18	18	17	18	19	21	22	22	19	19	19	19	19	19	20	19	19	18	18	18	21	23	19	19
30	20	23	24	24	25	27	26	27	26	21	21	23	23	20	21	27	26	23	25	-	34	36	34	30	25
MEAN	19	19	18	18	18	19	19	20	19	18	18	18	17	18	18	18	18	18	18	18	19	19	19	19	18.3

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	23	23	22	22	22	24	27	26	23	20	20	19	21	22	-	22	****	33	28	29	25	23	22	24
2	21	21	21	21	22	23	25	25	22	****	25	24	21	21	22	21	22	20	21	23	21	21	21	22	22
3	27	24	30	28	28	30	26	20	18	17	16	16	16	15	15	15	15	15	15	15	15	16	17	17	19
4	17	17	17	17	17	19	18	18	18	16	15	16	16	16	16	16	16	15	15	15	15	17	15	15	16
5	15	15	15	16	17	19	22	20	18	18	21	20	16	16	15	15	15	15	16	18	16	15	15	15	17
6	15	15	14	14	14	15	16	35	****	27	25	23	21	20	19	20	19	18	17	17	17	23	20	18	19
7	18	18	17	17	17	18	21	19	17	17	17	17	17	18	19	19	18	17	16	17	17	17	18	18	18
8	19	18	17	18	18	18	19	21	18	16	16	17	17	17	17	17	17	16	16	17	16	16	16	16	17
9	16	16	16	15	15	16	18	18	17	****	****	17	18	18	18	17	17	16	16	17	17	17	19	18	17
10	18	18	19	19	19	22	19	18	17	17	17	16	16	17	16	15	15	15	16	16	16	17	17	17	17
11	17	17	17	16	16	16	16	16	15	17	16	15	15	15	15	14	14	14	15	15	16	17	19	18	16
12	18	18	17	16	19	19	20	19	17	13	****	15	15	15	16	17	15	15	17	18	20	22	22	22	18
13	22	26	26	29	30	26	23	21	23	23	22	21	18	19	19	19	19	21	20	22	24	20	16	17	22
14	19	18	16	16	17	16	17	16	16	15	15	15	15	16	17	16	16	15	15	16	17	16	18	-	16
15	17	16	16	16	17	17	18	17	15	16	16	16	15	16	15	16	16	15	15	15	18	20	20	21	17
16	19	17	18	18	19	21	22	21	20	20	****	16	16	15	15	15	14	15	17	19	48	21	29	27	20
17	28	29	28	28	29	30	21	19	15	15	15	15	14	15	14	14	14	14	16	16	14	15	14	14	19
18	14	14	13	13	13	13	14	14	15	14	14	15	16	14	-	13	13	14	14	14	14	14	15	16	14
19	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	14	17	15	15	16	14
20	16	16	17	18	18	18	17	16	16	****	14	14	14	14	13	13	13	13	13	15	19	19	22	26	16
21	26	31	26	23	23	28	29	33	25	23	22	19	17	18	16	16	16	18	21	25	32	37	19	16	23
22	14	14	14	14	16	18	18	18	16	15	14	14	15	16	16	17	14	13	13	16	15	22	17	20	16
23	18	16	16	21	25	30	27	25	24	27	****	22	19	19	18	17	15	14	21	25	32	27	18	18	21
24	16	15	14	15	15	16	19	17	17	15	17	18	17	15	14	14	14	14	14	13	13	13	13	14	15
25	14	19	14	13	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	12	13	14	14	14	13
26	14	14	14	15	15	15	16	16	15	****	****	13	14	14	13	13	14	13	13	13	13	14	13	13	14
27	13	****	14	15	15	16	16	18	17	****	****	13	13	13	14	14	14	13	16	16	16	15	15	15	15
28	15	14	13	13	14	15	17	19	17	16	15	14	13	14	13	14	14	15	19	17	18	17	22	27	16
29	27	23	19	22	23	30	24	18	16	15	14	14	14	****	****	16	16	16	16	16	15	15	15	16	18
30	15	16	19	18	19	20	26	19	16	15	16	16	16	****	****	****	****	****	****	****	****	****	****	****	******
31	****	****	****	****	****	****	****	****	****	15	14	13	13	13	13	13	13	13	13	12	13	13	12	12	******
MEAN	18	18	18	18	19	20	20	20	18	17	17	16	16	16	16	16	16	15	16	17	19	18	18	18	17.4

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	13	13	13	12	13	13	13	13	12	12	12	12	12	13	13	14	14	14	14	14	14	14	13
2	14	13	13	12	13	14	16	16	15	****	18	19	19	21	23	19	19	16	16	22	18	18	18	17	17
3	18	20	18	19	18	20	21	19	20	21	17	17	16	16	16	15	15	15	15	15	22	15	15	15	17
4	15	15	15	15	16	16	17	16	15	15	14	14	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	17	17	17	17	18	17	16	17	17	17	17	******
6	17	17	17	19	18	18	18	20	18	19	20	24	23	19	19	20	18	21	22	21	21	18	17	17	19
7	16	17	17	16	16	16	17	17	17	17	16	15	15	16	17	17	16	16	16	17	19	20	19	19	17
8	18	19	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	17	17	16
9	17	17	17	18	17	18	23	23	20	17	****	15	18	17	17	16	15	15	15	15	15	16	17	17	16	17
10	17	16	15	15	16	16	17	16	17	16	15	16	16	15	16	16	16	15	15	16	15	16	16	16	16
11	16	15	15	16	16	19	22	18	17	16	16	17	17	17	17	16	16	16	16	18	19	21	25	33	18
12	40	37	31	27	28	31	29	27	25	20	18	17	18	****	16	15	14	13	13	14	15	17	16	16	22
13	19	22	25	24	27	25	23	24	23	17	16	15	15	15	15	14	14	16	13	15	17	19	20	17	19
14	25	32	33	38	44	34	21	18	****	****	16	16	15	14	16	15	15	15	18	22	14	14	14	19	21
15	20	20	15	18	20	18	18	19	17	17	16	15	12	11	12	12	12	13	13	13	13	13	12	12	15
16	12	11	12	13	13	14	15	14	13	12	****	14	12	14	****	14	14	14	14	14	15	16	16	16	14
17	15	15	16	17	19	18	21	23	20	15	31	15	16	15	15	15	15	14	14	14	18	15	14	15	17
18	14	14	14	14	16	19	16	17	16	16	15	15	17	18	17	17	17	17	16	15	15	15	15	17	16
19	19	22	20	20	19	21	18	17	15	16	16	16	16	15	15	15	15	16	16	16	14	15	15	16	17
20	15	15	15	13	13	13	13	13	13	13	33	16	14	14	14	14	15	14	14	14	15	16	19	21	15
21	19	17	14	16	17	18	15	14	14	13	14	13	13	13	14	14	13	16	13	14	16	17	21	23	15
22	28	24	23	28	28	31	35	29	19	16	15	14	14	13	13	13	13	13	14	16	17	21	18	21	20
23	17	17	17	19	22	21	20	21	18	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
24	- DATA INVALID -																								
25	****	****	****	****	****	****	28	29	22	18	18	16	16	15	15	16	15	15	17	****	15	14	15	22	18
26	23	17	21	30	22	23	24	23	20	18	17	16	16	16	15	18	14	13	14	14	14	13	16	20	18
27	22	20	16	13	13	14	15	15	14	****	13	14	13	12	12	12	12	12	13	12	13	14	13	14	14
28	15	14	13	12	12	12	13	13	13	14	14	14	15	14	13	12	12	12	12	12	12	12	12	11	13
29	11	12	12	13	12	13	12	12	11	12	12	12	12	12	12	12	13	13	12	13	15	16	13	12	12
30	12	12	12	12	12	12	13	12	12	****	15	15	15	15	15	15	14	15	15	15	15	15	16	16	14
MEAN	18	18	17	18	18	19	19	18	17	16	17	15	15	15	15	15	15	15	15	15	16	16	16	17	16.5

PERCENTAGE OF DATA VALID - 89.0 PERCENTAGE OF DATA INVALID - 10.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	17	18	17	17	17	22	19	17	16	16	16	16	16	16	17	19	17	19	18	17	17	16	17
2	20	23	24	24	27	24	20	18	17	16	16	16	16	16	16	16	15	15	15	16	16	17	17	17	18
3	16	17	17	18	19	21	21	21	****	****	****	15	15	16	15	15	16	14	17	15	16	17	19	19	17
4	17	17	19	22	25	21	22	20	17	15	17	16	15	15	15	17	15	16	16	16	16	18	23	24	18
5	21	20	22	17	20	17	19	17	15	16	15	16	16	14	14	14	13	13	12	12	13	13	12	12	16
6	13	13	14	14	14	14	13	13	13	12	12	12	12	12	12	12	12	12	13	13	13	15	19	17	13
7	16	15	15	17	18	19	22	22	18	19	16	15	14	14	14	15	14	16	17	19	19	18	14	15	17
8	14	15	16	16	16	19	23	21	17	18	****	14	14	14	14	14	14	14	13	14	15	15	16	15	16
9	14	14	14	14	15	17	19	19	21	18	16	17	21	16	18	19	19	17	16	17	21	27	31	25	19
10	23	28	23	30	29	27	25	23	19	20	18	17	16	16	16	15	15	14	14	20	31	23	17	16	21
11	16	19	19	18	17	17	16	20	22	20	16	15	14	16	15	15	14	14	14	14	14	14	14	15	16
12	16	16	15	16	16	16	16	15	13	13	13	14	13	13	13	13	13	13	13	13	14	14	14	14	14
13	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	15	20	21	22	15
14	19	18	22	20	21	23	25	19	17	18	16	15	15	15	15	15	14	14	14	20	17	18	26	20	18
15	21	22	20	22	18	20	21	30	28	23	19	18	20	20	21	21	19	16	18	16	18	16	17	17	20
16	16	16	17	16	15	16	17	17	23	15	17	15	14	15	14	15	15	14	14	15	16	16	17	15	16
17	18	20	22	17	16	15	17	16	15	15	14	14	14	14	14	14	14	13	14	14	14	14	15	16	15
18	14	14	14	15	15	16	17	19	18	16	16	14	14	14	14	15	13	13	13	13	14	14	15	15	15
19	16	18	16	16	19	20	18	16	15	14	15	14	14	14	14	15	14	14	15	14	15	17	16	19	16
20	20	22	21	21	20	18	18	19	17	17	19	15	14	15	15	16	15	19	18	19	23	20	16	15	18
21	16	15	13	15	15	15	16	21	16	16	****	****	****	****	****	****	****	18	16	16	16	16	17	15	16
22	15	15	15	15	16	17	18	22	25	25	19	17	17	46	41	21	15	18	18	16	16	16	15	15	20
23	17	17	15	14	14	14	15	15	14	15	14	14	14	14	14	15	15	15	14	14	14	15	16	15	15
24	15	15	15	15	15	18	20	19	16	16	17	16	****	****	14	14	13	13	14	14	16	18	16	15	16
25	15	15	15	14	15	16	18	21	19	16	15	15	15	15	16	17	14	14	13	13	14	14	14	14	15
26	14	15	19	20	24	20	18	20	19	15	15	15	15	16	18	15	15	15	15	16	17	16	16	18	17
27	19	25	25	22	21	19	18	17	19	15	14	14	15	15	14	15	16	17	16	16	14	16	16	17	17
28	13	13	14	15	14	14	16	16	16	16	16	17	17	16	-	-	14	13	14	15	-	-	-	16	15
29	17	16	19	16	15	15	17	17	18	17	16	15	15	15	14	16	15	15	17	19	21	24	26	25	18
30	25	25	20	19	17	17	18	18	15	14	14	13	14	14	14	14	14	13	13	14	15	15	16	16	16
31	16	17	19	21	24	23	29	20	16	15	17	16	17	****	25	15	15	14	14	15	15	14	15	16	18
MEAN	17	18	18	18	18	18	19	19	18	17	16	15	15	16	16	15	15	15	15	15	17	17	17	17	16.7

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	20	21	21	23	32	27	32	25	22	22	18	16	16	16	15	15	14	14	15	47	20	19	18	21
2	15	14	14	14	14	16	17	17	19	17	14	14	13	14	13	13	13	13	13	13	15	15	14	14	15
3	15	14	16	16	15	16	15	16	15	14	14	14	13	13	13	13	13	13	14	14	14	14	15	15	14
4	15	15	16	16	18	19	18	17	15	15	14	13	13	13	12	13	13	13	13	13	13	13	13	13	14
5	14	15	15	15	16	16	17	17	17	17	17	17	****	16	16	16	16	14	14	15	17	15	17	15	16
6	14	15	16	16	15	16	17	16	15	15	16	15	****	16	15	14	14	****	20	15	18	21	17	16	16
7	16	19	23	21	24	29	23	23	17	16	16	15	15	15	17	18	16	-	14	14	14	14	14	17	18
8	20	19	18	22	25	29	21	19	20	20	11	16	16	17	17	15	15	14	14	13	14	14	14	15	17
9	****	14	13	12	12	13	13	13	13	13	13	13	13	12	12	13	13	13	13	13	13	13	14	13	13
10	14	14	15	17	****	****	17	17	15	14	13	12	12	12	12	12	12	12	12	12	13	15	16	16	14
11	16	18	19	16	16	18	21	22	18	16	15	13	13	****	13	13	****	13	14	15	14	14	15	17	15
12	16	15	13	13	13	16	20	20	16	15	14	14	14	14	14	14	14	13	13	14	16	14	15	14	15
13	14	14	14	14	15	17	19	18	17	15	15	14	14	13	13	14	14	****	14	14	16	17	21	19	15
14	21	19	15	15	16	17	19	18	17	16	16	15	15	15	14	14	14	13	13	14	15	16	16	17	16
15	15	14	13	13	13	14	17	15	14	12	20	14	14	13	14	14	14	14	14	14	14	13	14	13	14
16	14	14	13	13	13	13	13	13	13	13	13	13	12	12	****	****	****	12	13	13	13	13	14	13	14
17	16	16	17	18	18	19	22	19	16	14	13	13	13	13	13	13	12	13	13	13	13	12	12	12	15
18	12	13	13	13	14	14	16	17	17	17	18	17	16	15	15	15	15	15	15	21	22	22	23	25	17
19	27	28	25	21	19	19	****	22	18	17	16	****	****	17	15	15	14	13	16	15	20	24	21	20	19
20	18	19	22	23	24	27	35	19	16	15	15	15	14	14	14	14	14	13	14	14	14	14	15	15	17
21	14	14	-	****	13	14	16	16	14	14	14	13	14	14	13	13	13	12	12	13	13	13	13	14	14
22	13	13	13	13	12	14	16	15	14	13	13	13	13	13	13	13	13	13	16	16	21	20	21	21	14
23	21	20	17	15	14	14	15	15	14	14	13	13	****	13	13	13	13	13	14	14	13	14	14	13	14
24	13	13	14	14	13	14	13	14	****	****	****	****	****	****	****	****	****	****	****	****	18	18	24	23	******	
25	21	19	19	20	21	25	29	28	****	****	****	****	****	****	****	16	15	15	14	15	15	21	24	20	20
26	16	16	15	15	16	17	20	-	****	****	****	****	15	14	14	15	15	15	19	18	14	15	16	16	16
27	16	18	17	17	19	17	19	19	18	17	18	15	****	13	14	14	13	13	15	17	16	15	14	14	16
28	13	13	13	12	12	13	15	16	16	15	14	14	14	14	14	15	13	12	12	12	12	12	13	12	13
29	13	15	15	12	12	14	15	14	14	14	13	14	17	18	17	16	15	15	16	17	17	17	18	19	15
30	19	19	20	24	28	29	29	24	19	17	16	15	16	17	13	14	15	14	13	13	16	16	17	15	18
31	16	17	19	17	17	16	15	14	15	14	13	12	13	12	13	13	14	17	16	14	18	15	14	13	15
MEAN	16	16	16	16	17	18	19	18	16	15	15	14	14	14	14	14	14	14	14	14	16	16	16	16	15.7

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	15	13	12	13	14	14	14	14	13	13	14	12	13	13	14	13	12	12	14	13	13	13	13	13
2	13	12	12	12	13	14	17	16	17	17	18	17	17	16	14	13	13	13	13	13	14	15	14	16	15
3	14	14	13	13	13	15	17	16	14	13	****	12	13	13	13	14	13	13	13	14	16	13	14	16	14
4	19	20	22	22	27	33	36	19	16	15	14	14	15	15	14	14	14	15	14	-	16	15	16	14	18
5	14	14	14	14	14	16	19	17	17	****	****	19	18	16	16	15	14	13	14	14	15	16	16	17	16
6	16	16	15	15	16	17	16	16	15	14	13	13	12	13	12	12	12	12	13	13	14	14	14	14	14
7	15	16	14	13	13	13	14	14	13	12	12	12	12	12	12	12	12	12	12	15	14	16	16	15	13
8	15	15	15	16	17	19	28	29	19	17	14	14	15	16	14	15	14	13	14	14	15	12	14	15	16
9	18	22	24	23	20	21	29	30	29	22	19	20	16	14	14	15	14	13	13	13	12	13	13	12	18
10	12	13	12	12	12	13	17	15	13	13	12	12	****	13	13	13	13	12	12	14	14	14	15	15	13
11	14	15	15	15	18	17	18	16	15	14	14	14	13	13	14	14	13	13	13	15	16	14	14	14	15
12	14	14	14	15	13	14	15	15	15	15	****	15	15	16	16	17	17	16	15	15	16	15	15	15	15
13	13	13	13	13	13	13	13	14	14	14	14	14	15	14	14	14	13	13	13	14	16	15	15	15	14
14	21	18	19	18	19	19	20	21	18	15	15	13	13	13	13	13	13	13	12	13	12	13	12	12	15
15	12	12	13	13	13	14	17	-	17	****	****	14	13	13	12	13	12	12	12	14	16	17	17	13	14
16	13	15	17	19	20	19	14	15	14	16	16	15	16	14	14	14	14	13	17	16	14	13	13	14	15
17	12	14	14	12	13	15	15	14	13	16	15	13	14	15	15	14	14	14	13	13	16	16	16	16	14
18	17	17	16	17	18	17	22	27	20	16	17	16	14	14	14	14	14	14	14	14	14	15	15	13	16
19	14	13	14	19	18	17	19	21	35	16	14	13	13	13	****	****	****	****	****	****	****	****	****	****	******
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	17	16	14	12	12	11	11	11	******
23	10	10	9	9	9	10	12	12	****	****	****	****	****	****	13	12	11	11	12	12	11	12	13	11	11
24	12	12	12	12	13	14	17	16	12	11	12	11	11	****	11	11	10	10	11	11	10	10	9	10	12
25	9	12	21	19	15	18	21	27	26	20	****	20	15	15	14	15	15	13	15	15	13	13	15	17	17
26	14	12	13	12	12	11	12	12	11	11	12	11	11	11	11	12	12	11	11	11	11	12	12	12	12
27	12	11	11	11	11	12	14	14	11	11	11	10	11	11	11	11	11	10	11	11	12	12	12	12	11
28	12	13	13	12	13	15	15	13	12	11	11	11	11	10	10	10	10	10	12	13	13	13	13	13	12
29	14	13	13	12	11	14	18	19	14	11	13	13	12	12	13	14	14	13	13	15	16	17	26	24	15
30	27	37	32	30	32	35	42	47	27	25	22	17	15	15	15	15	15	15	14	15	20	19	22	21	24
MEAN	14	15	15	15	16	17	19	19	17	15	14	14	14	14	13	14	13	13	13	14	14	14	15	15	14.8

PERCENTAGE OF DATA VALID - 87.5 PERCENTAGE OF DATA INVALID - 12.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	23	30	27	16	18	30	31	22	18	15	14	12	12	13	14	13	13	14	13	13	12	12	13	17
2	11	10	10	10	10	11	12	14	13	13	12	11	12	12	15	15	14	15	17	17	17	17	18	15	13
3	17	20	18	18	19	19	18	19	17	****	20	16	15	17	20	17	18	17	17	14	14	13	12	14	17
4	15	14	15	16	17	15	15	15	14	14	13	12	12	12	12	12	12	12	12	12	12	12	12	12	13
5	12	12	12	11	11	13	12	11	11	11	11	11	11	11	12	12	12	12	12	12	13	13	13	13	12
6	13	13	13	13	13	13	16	16	14	13	****	13	13	12	12	16	15	13	14	13	13	13	13	14	14
7	14	14	16	19	17	19	23	32	26	21	16	16	17	16	14	16	17	15	24	19	16	18	21	22	19
8	18	21	22	22	20	15	16	16	15	13	13	13	14	13	13	15	14	13	13	12	12	13	12	12	15
9	12	12	12	13	14	16	17	19	17	14	13	12	13	13	13	15	14	14	15	16	15	15	16	16	14
10	17	21	20	18	21	27	32	29	16	17	14	14	14	14	13	14	12	12	13	21	21	26	17	16	18
11	24	25	21	17	18	20	16	16	14	13	14	14	12	11	11	11	11	10	10	12	11	11	11	12	14
12	11	10	9	10	10	10	11	11	10	10	10	9	10	10	9	9	9	9	10	9	9	10	9	9	10
13	10	9	10	9	9	9	9	9	8	8	8	9	8	8	8	8	8	8	****	10	10	11	12	11	9
14	11	11	13	11	12	15	19	20	14	11	11	12	13	11	12	13	12	14	12	12	12	12	12	14	13
15	13	14	14	13	14	14	19	16	15	14	13	14	13	13	14	15	14	13	13	13	15	14	16	18	14
16	22	15	15	15	15	17	19	22	20	19	20	19	19	15	18	21	20	16	17	16	18	16	17	14	18
17	14	16	16	19	22	16	17	18	16	17	17	16	****	22	33	29	22	16	15	18	17	14	17	14	18
18	13	12	12	12	13	17	17	14	14	14	13	13	13	13	13	13	13	15	15	15	13	14	14	15	14
19	14	14	14	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	15	15	14	14	13	12	13
20	12	12	12	12	13	13	16	17	19	21	19	16	****	17	15	16	15	15	15	15	14	14	15	14	15
21	14	14	13	13	13	15	18	18	17	16	14	15	16	****	14	14	13	14	14	13	13	13	13	13	14
22	13	12	13	12	13	14	15	16	17	15	14	13	13	14	18	14	14	14	14	14	13	14	16	15	14
23	14	15	16	16	15	17	20	21	17	15	-	13	13	13	13	13	13	13	14	13	12	12	12	12	14
24	12	12	12	12	12	12	13	14	13	13	13	13	13	13	14	13	15	14	12	12	12	12	12	12	13
25	12	12	12	13	12	13	12	13	13	12	-	12	12	14	15	16	15	13	12	13	12	12	12	11	13
26	11	12	11	11	11	11	11	12	11	12	11	12	11	11	12	11	11	12	12	12	12	-	12	13	12
27	12	12	13	12	13	12	12	13	14	13	13	17	15	15	15	16	17	18	17	17	17	18	17	18	15
28	16	17	16	16	17	16	16	18	16	15	15	14	14	15	15	15	16	15	15	15	15	15	17	15	16
29	16	15	15	16	15	15	16	18	17	16	15	15	15	16	17	22	20	19	19	19	18	18	18	17	17
30	18	17	18	18	18	17	18	20	20	20	18	17	17	18	17	17	20	18	17	18	17	17	17	17	18
31	17	17	17	17	17	17	18	20	22	22	20	19	19	18	16	18	18	19	21	19	20	22	18	18	19
MEAN	14	15	15	15	15	15	17	17	16	15	14	14	14	14	15	15	15	14	15	14	14	15	14	14	14.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	16.8	21	37
FEB	25	18.7	25	33
MAR	31	25.1	35	52
APR	30	18.3	25	36
MAY	29	17.4	24	48
JUN	26	16.5	22	44
JUL	31	16.7	21	40
AUG	30	15.7	21	47
SEP	26	14.8	24	47
OCT	31	14.7	19	33
NOV	29	24.9	34	44
DEC	24	21.5	33	56
YEAR	343	18.4	35	56

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	3	623	102	3	0	0	0	0	731
FEB	0	415	204	2	0	0	0	0	621
MAR	0	72	593	69	0	0	0	0	734
APR	1	494	201	3	0	0	0	0	699
MAY	0	555	142	8	0	0	0	0	705
JUN	0	544	83	14	0	0	0	0	641
JUL	0	613	108	4	0	0	0	0	725
AUG	0	624	73	4	0	0	0	0	701
SEP	20	561	40	9	0	0	0	0	630
OCT	47	626	58	4	0	0	0	0	735
NOV	1	103	454	135	0	0	0	0	693
DEC	1	339	166	100	0	0	0	0	606
YEAR	73	5569	2224	355	0	0	0	0	8221

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
93.6	1	12.4	14.6	16.4	19.3	25.7	29.3	33.4	35.8	56	18.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	25	26	28	28	22	23	24	23	21	20	19	18	18	19	18	18	18	18	18	18	20	22	21	21
2	20	19	20	19	23	24	20	20	21	19	19	19	20	20	20	19	19	19	19	18	18	18	18	19	20
3	19	18	18	18	18	18	19	20	19	20	20	20	****	20	19	19	19	21	21	22	21	22	22	23	20
4	22	22	22	21	22	21	22	23	25	28	27	22	21	21	21	20	20	20	19	19	19	19	20	20	22
5	20	20	21	21	21	20	20	20	21	21	22	21	21	19	19	19	19	19	19	20	20	20	21	21	20
6	22	23	23	23	22	22	24	24	24	23	22	22	23	22	22	22	22	22	22	22	22	22	21	21	22
7	20	20	20	21	21	21	21	22	21	22	21	21	****	21	21	22	21	22	21	22	21	21	20	20	21
8	20	20	19	19	20	20	26	23	23	21	21	21	22	22	20	22	23	25	25	23	22	21	22	20	22
9	22	21	21	21	23	24	22	23	23	23	23	23	23	23	23	22	22	22	23	22	23	24	25	26	23
10	28	25	25	25	24	25	24	26	26	25	23	24	25	24	24	23	22	22	23	23	23	24	24	23	24
11	24	23	22	21	21	20	21	20	20	20	20	20	****	21	22	21	20	20	18	18	19	19	21	21	21
12	23	23	23	23	22	22	22	24	24	25	24	24	23	23	23	23	24	25	25	24	26	28	26	28	24
13	26	25	25	24	24	24	24	24	24	24	23	25	25	24	24	25	25	24	23	23	23	23	23	22	24
14	23	23	23	22	22	22	23	23	23	24	23	21	****	20	20	20	20	22	23	22	23	20	21	21	22
15	22	21	22	23	23	25	24	27	31	29	29	23	23	23	22	21	21	23	23	23	22	22	23	23	24
16	23	23	23	22	22	22	22	22	22	22	22	22	23	22	22	22	21	21	21	22	21	22	22	21	22
17	21	21	21	21	20	20	20	24	25	20	20	20	20	19	19	20	24	22	22	26	21	22	21	21	21
18	22	21	20	21	19	20	20	21	22	23	22	22	****	****	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	35	37	35	37	38	43	48	43	41	40	39	******	
22	38	37	38	35	34	33	34	35	34	34	34	33	33	32	32	33	34	33	33	31	32	32	32	30	34
23	30	30	28	28	28	27	29	30	30	30	29	28	29	****	20	19	20	20	20	20	21	20	20	20	25
24	21	21	21	20	20	20	20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	****	21	22	22	22	23	28	24	24	24	24	24	******	
26	24	25	25	24	25	27	27	25	25	25	24	24	24	24	24	24	23	23	23	24	25	25	25	25	25
27	24	24	23	23	23	23	23	21	20	23	23	23	23	23	22	22	22	22	22	22	21	21	21	22	22
28	22	24	23	22	21	20	20	20	21	21	21	22	22	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	23	23	23	23	23	23	23	24	24	24	23	23	23	23	22	22	23	23	23	23	23	23	23	23.0	

PERCENTAGE OF DATA VALID - 74.5 PERCENTAGE OF DATA INVALID - 25.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	21	21	21	21	21	22	22	22	22	******
2	23	23	22	22	22	21	22	23	34	21	22	22	22	22	21	21	21	22	22	22	22	22	22	22	22
3	23	22	22	22	22	22	21	21	21	20	20	20	21	20	20	20	20	20	21	22	21	21	21	21	21
4	22	22	22	21	21	21	23	25	25	24	22	21	21	20	20	20	21	20	21	21	21	23	22	23	22
5	23	23	22	22	22	22	23	25	27	25	22	21	22	23	21	22	21	21	22	23	22	21	21	20	22
6	22	22	22	22	23	22	24	26	24	21	21	21	22	21	20	21	22	21	22	25	24	25	24	24	23
7	25	25	23	21	22	24	22	22	23	22	21	21	21	21	21	20	19	21	23	23	22	23	23	22	22
8	24	24	23	23	23	23	24	26	25	24	23	22	21	****	21	22	22	23	23	23	23	24	23	23	23
9	23	23	23	22	24	23	25	23	22	21	21	21	21	20	19	20	20	20	20	20	20	19	20	19	21
10	18	19	19	19	19	19	20	20	19	19	18	19	20	19	18	18	19	20	20	22	22	21	21	19	
11	21	21	22	21	20	22	21	22	23	22	22	21	21	19	20	20	19	19	20	19	18	18	18	20	
12	19	19	19	20	19	19	21	22	22	21	20	20	22	20	20	19	20	20	22	22	24	25	27	27	21
13	28	28	28	26	26	27	28	28	30	29	27	26	25	25	25	26	26	26	25	26	27	26	25	26	27
14	28	26	25	27	27	29	26	27	29	28	25	23	23	23	22	22	22	24	25	26	25	25	24	26	25
15	27	27	26	26	27	26	26	28	27	26	26	25	25	24	22	21	22	23	23	23	22	23	24	23	25
16	23	23	22	21	22	24	22	22	22	21	21	21	21	20	20	22	22	22	23	24	25	25	24	22	
17	24	24	24	24	24	24	23	24	26	23	22	22	22	23	23	23	24	26	26	26	25	25	26	26	24
18	25	25	28	25	24	24	25	26	25	25	24	24	26	****	19	19	18	18	18	18	20	21	21	24	23
19	30	27	28	27	26	25	26	26	27	25	25	23	20	19	18	17	22	19	24	29	25	26	20	19	24
20	20	19	20	20	23	24	21	22	21	19	19	17	22	25	21	20	21	23	23	23	27	21	21	24	22
21	22	21	22	20	21	20	21	24	24	20	20	20	20	20	20	19	21	18	20	22	22	22	22	21	21
22	23	23	24	22	21	20	21	22	21	21	21	22	****	21	20	20	20	24	25	25	27	22	23	21	22
23	21	21	21	21	21	20	19	20	21	20	20	19	20	20	20	19	19	19	20	19	20	20	21	21	20
24	25	22	21	22	23	25	23	24	22	18	18	18	19	18	18	19	20	20	21	22	24	24	20	20	21
25	21	20	21	20	21	21	21	22	22	20	21	****	21	21	20	19	19	19	19	20	20	20	20	20	20
26	20	20	20	20	21	21	23	23	22	22	22	21	20	19	19	19	18	19	20	20	20	20	20	22	20
27	21	21	19	20	20	21	22	22	22	20	18	17	18	18	17	17	16	18	18	18	19	19	19	21	19
28	19	19	19	19	20	19	19	21	22	21	20	19	19	19	19	18	18	20	20	21	22	22	22	21	20
29	21	21	20	20	20	21	21	22	24	22	22	21	21	20	20	21	21	21	21	23	23	23	24	26	22
MEAN	23	23	22	22	22	22	23	24	24	22	22	21	21	21	20	20	20	21	22	22	23	22	22	22	21.9

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	681	30	1	0	0	0	0	712
FEB	0	607	2	0	0	0	0	0	609
MAR	0	739	5	0	0	0	0	0	744
APR	0	716	3	0	0	0	0	0	719
MAY	0	698	3	0	0	0	0	0	701
JUN	0	646	3	0	0	0	0	0	649
JUL	0	734	5	0	0	0	0	0	739
AUG	0	722	11	0	0	0	0	0	733
SEP	9	639	30	1	0	0	0	0	679
OCT	0	731	1	0	0	0	0	0	732
NOV	26	682	10	2	0	0	0	0	720
DEC	0	726	16	0	0	0	0	0	742
YEAR	35	8321	119	4	0	0	0	0	8479

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.5	9	11.5	12.4	13.1	13.9	15.9	16.9	18.5	19.9	34	14.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	4	3	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
2	1	1	1	1	1	1	1	2	2	3	2	2	****	1	1	2	2	2	2	1	1	1	1	1	1
3	0	1	1	1	1	1	1	1	2	1	2	2	1	3	2	2	2	2	3	2	2	2	2	2	2
4	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2
5	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1
6	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	****	****	****	******
7	****	****	****	1	1	1	1	2	2	2	2	1	****	1	1	2	2	2	1	1	1	1	1	.1	1
8	1	1	1	1	1	1	1	2	2	1	1	1	3	2	2	9	5	3	2	2	1	1	1	1	2
9	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1
10	1	2	2	1	1	2	2	3	4	3	3	2	2	2	2	2	2	3	2	2	2	3	3	4	2
11	3	2	2	2	2	3	2	2	2	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	3	3	3	2	2	2	2	******
15	2	2	2	2	2	1	2	3	4	5	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2
16	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	5	5	2	2	2	1	1	1	1	2
17	1	1	1	1	1	1	1	2	3	3	3	4	3	3	3	3	2	2	3	3	3	2	2	2	2
18	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2
22	2	2	2	2	2	1	1	1	2	2	2	****	****	2	2	3	3	3	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
25	2	2	1	1	2	2	2	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	2	2	****	1	1	1	2	2	2	2	2	2	2	1	2	2
29	1	1	1	1	1	1	1	2	3	3	3	2	1	1	1	2	2	2	2	2	1	1	1	1	2
30	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	1	1	2	2	2	1
31	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	2	1.6

PERCENTAGE OF DATA VALID - 86.4 PERCENTAGE OF DATA INVALID - 13.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	4	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	2
2	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	1	2	2
3	2	1	1	1	1	2	2	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	2	2	1	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
6	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	3	2	3	3	5	4	7	9	4	3	3	2	2	2	3	3
8	2	2	2	2	2	2	3	2	3	3	2	****	2	2	2	2	3	3	2	2	2	2	2	3	2
9	2	2	1	1	3	4	8	5	5	5	5	5	5	4	4	5	4	3	3	3	2	3	2	2	4
10	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	3	3	3	3	3	3	2	1	1	2
12	4	4	3	3	2	2	2	2	2	2	4	6	2	2	3	3	3	3	2	2	2	2	1	1	3
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	2	1	****	1	1	2	2	2	2	2	2	2	2	2	1
15	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
17	1	1	1	1	2	2	0	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
18	2	2	1	1	2	2	1	2	2	2	2	2	2	3	3	2	2	3	2	2	2	2	2	2	2
19	3	3	3	2	2	2	2	2	5	3	3	4	4	4	3	3	3	3	3	4	5	3	3	2	3
20	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	2	****	1	1	1	1	2	2	2	2	1	1	2	2	2	1
22	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	2	2	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	2	-	-	****	2	2	2	2	2	2	2	3	2	2
25	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
26	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	5	5	6	7	6	3	3
27	3	3	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	2	2	****	2	2	2	2	2	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	2
30	2	2	2	2	2	2	3	6	7	4	3	4	4	3	****	4	5	4	4	4	5	5	3	3	4
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	4	3	3	3	2	2	2
5	1	1	1	1	1	1	1	2	3	4	3	3	3	4	5	5	3	2	2	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	3	3	3	2	****	****	****	****	****	****	2	3	4	3	2	2	2
8	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	3	3	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	3	3	3	2	2	2	2	2	2	2
13	2	1	1	1	1	1	1	1	2	2	1	1	2	2	****	2	2	2	2	2	1	2	2	2	2
14	2	1	1	2	2	2	2	2	4	3	3	2	2	2	1	1	1	1	2	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
16	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	3	3	4	****	2	2	3	4	7	7	2	3	3	1	1	1	3
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1
19	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2	6	2	2	3	5	2
20	7	6	7	5	4	3	2	2	3	3	3	2	****	****	****	3	****	****	5	4	2	2	2	2	4
21	2	2	2	3	1	1	1	2	3	3	3	****	****	****	3	2	2	2	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	1
23	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2
24	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2
25	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	1	1	2	2	1	1	2	1	1	1
26	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	3	3	3	3	3	3	3	2	2	2
27	2	2	2	2	1	1	2	2	3	4	4	2	2	2	2	2	4	2	2	2	2	2	2	2	2
28	1	1	1	2	2	2	3	4	5	4	3	2	2	****	****	6	6	6	4	4	4	3	2	3	3
29	2	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	2	2	2	2	2	****	2	3	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	2	****	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1
4	1	1	1	1	1	1	1	2	2	2	1	2	****	1	1	1	1	2	2	1	1	1	1	1	1
5	2	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
6	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
7	2	2	2	1	1	1	2	2	3	3	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	1	2	3	3	2	1	2	1	1	1	2	2	2	2	1	1	1	1	1
9	2	2	2	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	2	3	4	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2
13	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2
14	2	2	2	1	1	2	2	3	3	3	2	2	1	1	-	1	1	2	2	2	1	2	2	2	2
15	2	2	2	2	2	1	2	2	3	4	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2
16	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	2	2	****	2	2	2	2	3	2	2	2	1	1	2	1	2
19	2	2	1	1	1	2	2	2	3	4	3	3	3	3	2	3	3	3	6	4	4	3	3	3	3
20	2	2	2	2	2	2	2	3	3	3	3	6	7	5	3	4	5	5	3	3	4	3	3	3	3
21	3	2	2	1	1	1	1	2	2	3	3	2	2	****	2	3	2	2	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	1	2
23	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
25	1	1	1	1	1	1	1	2	3	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	2	2	2	1	1	1	1	1	1
27	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1.6

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	4	4	4	3	2	4	****	3	2	3	3	2	3	3	5	4	2	1	3
2	1	1	1	1	1	2	3	7	7	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3	3
3	3	3	3	4	3	3	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1
5	1	1	1	1	1	1	3	3	6	****	****	****	****	2	2	2	2	1	1	2	2	2	1	2	2
6	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	2	2	1
7	2	2	2	2	1	1	2	3	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	2	2	1	****	2	2	2	2	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	3	2	2	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2	2
11	2	2	2	1	1	1	3	2	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1
12	2	3	3	1	2	3	3	6	6	****	3	2	2	2	2	2	2	2	3	3	3	3	2	2	3
13	3	3	4	3	3	3	2	2	3	2	3	2	3	3	4	4	4	4	3	3	4	3	3	4	3
14	2	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2	1	2
15	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	2	1	1	2	3	3	5	****	3	3	3	3	2	2	2	2	2	2	2	3	3	4	9	3
17	7	5	4	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	3
18	1	1	1	1	1	1	1	1	1	2	3	2	3	2	2	2	2	1	2	2	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	-	-	-	-	-	-	1
20	-	-	-	-	-	-	-	-	****	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	******
21	3	3	2	2	2	2	3	5	4	5	4	3	2	2	2	3	3	2	2	2	2	2	3	4	3
22	2	2	2	2	2	2	3	3	5	4	4	3	3	3	3	3	3	4	3	2	2	3	3	3	3
23	4	3	3	2	3	7	5	8	7	5	6	5	3	3	3	3	3	3	3	4	5	8	6	3	4
24	2	2	2	2	2	1	2	4	4	6	4	3	3	3	3	3	3	2	2	2	2	2	2	2	3
25	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	1
26	1	1	1	1	1	1	2	2	2	2	****	1	2	2	2	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1
28	1	1	1	1	1	1	2	2	3	4	3	2	2	2	2	2	2	2	2	4	3	4	6	7	3
29	8	6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
30	1	1	1	2	2	2	3	7	7	5	6	8	8	6	6	4	2	2	4	2	2	2	2	2	4
31	1	1	1	1	1	1	3	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	2	1	1	1	1
2	1	1	1	1	1	2	3	6	6	8	7	6	4	4	5	4	4	4	2	2	2	2	2	2	3
3	2	2	1	2	2	2	3	3	3	3	3	2	2	****	2	2	2	1	1	1	1	1	1	1	2
4	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
5	2	1	1	1	1	2	2	3	3	2	2	1	2	2	2	2	2	2	3	3	3	2	2	2	2
6	1	1	1	1	1	1	2	3	4	4	3	4	3	2	3	3	3	3	2	2	2	2	2	1	2
7	1	1	1	1	1	1	1	2	2	2	1	1	4	3	1	3	3	3	2	1	1	2	2	4	2
8	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	2	2	3	3	3	****	1	1	1	1	1	1	1	1	1	1	1	2	2	1
10	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	2
12	3	3	3	5	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	2	3	2	2	3	4	5	6	4	3	3	2	2	2	2	2	2	3	3	2	2	2	2	3
14	2	2	2	3	4	5	7	3	2	2	2	2	2	2	2	2	2	2	2	3	5	2	2	3	3
15	4	3	3	5	6	5	6	4	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	2	2	1	****	1	1	1	1	1	2	2	1	1	1	1	2	1	1
17	1	1	2	1	2	1	2	4	4	3	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2
18	2	2	2	2	2	2	3	3	4	3	3	2	2	2	2	3	3	3	4	3	4	3	3	2	3
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	3	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	2	3	3	3	3	2
21	3	3	3	2	2	2	2	2	2	2	2	2	2	2,	1	1	1	1	2	3	3	4	4	4	2
22	5	5	5	4	6	6	5	4	3	2	2	2	2	2	1	1	1	1	2	2	2	2	3	4	3
23	3	5	4	3	4	8	10	10	10	8	5	4	3	3	2	2	2	2	2	2	2	3	4	5	4
24	5	6	9	6	5	5	4	5	5	5	4	4	3	3	3	3	3	3	3	2	2	2	3	4	4
25	4	3	3	3	3	3	4	7	7	4	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3
26	3	3	2	2	2	3	3	4	4	4	3	3	****	2	2	2	3	3	2	1	2	2	2	2	3
27	3	4	3	2	2	1	2	2	2	2	2	1	2	2	2	2	2	2	1	1	2	2	2	2	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
29	2	2	2	2	10	9	5	3	2	2	1	1	1	1	1	1	1	2	2	2	3	3	4	2	3
30	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1
MEAN	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
2	1	2	2	2	2	3	3	2	2	2	2	1	****	1	1	1	1	1	1	1	1	2	2	2	2
3	2	2	2	2	1	2	2	2	3	4	3	2	2	2	2	2	2	2	2	3	4	4	5	4	3
4	2	2	2	2	3	3	3	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	4	2
5	7	6	3	4	5	3	3	4	4	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	3
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
7	2	2	1	1	1	1	4	5	5	****	3	2	2	2	2	2	2	2	2	2	2	1	1	2	2
8	2	3	3	2	2	2	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2
9	1	1	2	2	1	1	2	3	6	3	3	2	3	3	3	3	3	5	5	3	3	2	5	4	3
10	6	10	11	10	8	7	6	4	3	4	****	3	2	2	2	2	2	2	2	2	3	4	4	3	4
11	3	2	2	2	2	3	3	3	4	3	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2
12	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1
13	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	5	6	2
14	4	3	4	7	10	8	5	4	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	- DATA INVALID -																								
16	****	****	****	****	****	****	****	****	****	2	2	3	2	2	2	2	2	2	2	3	3	4	2	1	******
17	2	3	3	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	2
18	1	1	1	1	2	3	4	****	3	2	2	2	1	1	2	2	4	3	4	4	2	1	1	2	
19	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3	3	4	2	2	
20	6	5	3	3	3	4	3	2	2	2	3	3	3	2	2	2	3	2	3	3	2	5	4	2	3
21	1	1	1	1	1	1	3	3	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2
22	1	1	1	1	1	1	3	3	3	3	3	2	3	2	2	2	2	2	3	4	5	2	2	1	2
23	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	
24	2	2	1	1	1	2	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2
25	2	1	1	1	1	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
26	2	3	5	5	3	2	3	2	1	1	1	2	2	3	6	3	3	3	6	2	6	8	7	4	3
27	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2
28	1	1	1	1	1	2	3	4	3	2	2	3	4	2	2	3	2	2	1	1	1	2	3	2	2
29	2	2	2	2	2	1	2	3	3	3	2	3	2	2	2	2	2	2	3	3	4	5	5	3	3
30	3	3	4	2	2	1	2	****	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
31	1	1	1	3	7	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2.2

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 7.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	4	****	****	5	4	5	2	2	2	2	2	2	2	2	3	4	4	4	3
2	3	2	2	2	2	2	2	3	2	3	3	2	2	4	3	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	3	3	3	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	2	1	2	3	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	2
6	2	2	2	2	3	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	3	4	5	3	3
7	2	3	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2
8	2	3	3	4	3	4	****	****	5	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	3
9	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
10	3	3	3	3	3	3	3	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2
11	3	3	4	3	3	3	4	4	3	3	2	****	2	2	2	2	2	2	2	2	2	2	2	3	3
12	3	3	2	2	2	2	3	5	5	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
13	2	2	2	3	3	3	4	4	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	4	3
14	5	6	3	3	3	4	5	4	4	4	5	3	3	3	3	3	3	2	2	2	3	3	3	3	3
15	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	2
17	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
18	4	3	3	3	3	3	3	4	4	4	****	3	4	5	5	5	4	3	4	4	4	4	4	6	4
19	5	5	6	8	9	6	7	8	6	4	3	4	3	3	3	3	3	3	3	4	6	6	5	5	5
20	5	5	4	4	4	4	4	4	4	3	3	3	3	2	2	3	3	2	2	2	3	2	3	3	3
21	2	2	2	2	2	2	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
22	3	3	4	3	3	3	3	4	3	3	3	3	3	2	3	3	2	3	3	3	3	4	4	5	3
23	4	4	4	4	3	3	3	3	3	3	2	2	3	3	3	2	2	3	3	3	3	3	4	4	3
24	4	3	3	3	3	3	3	3	3	3	2	1	****	****	****	****	****	****	****	****	****	****	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	4	3	2	3	3	3	3	2	2	2	2	3	3	******
26	2	2	2	2	2	3	4	4	5	3	3	3	2	3	3	2	2	2	2	3	3	2	3	3	3
27	3	3	3	2	3	3	3	4	****	4	4	3	2	2	3	3	3	2	2	2	2	3	2	2	3
28	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
29	2	2	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
30	3	3	3	3	3	3	3	4	6	2	2	2	3	2	2	2	3	3	2	2	2	2	2	3	3
31	3	2	3	2	2	3	3	3	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	3	2	2	2	2	2	2	2
2	2	2	2	2	2	2	3	5	4	4	4	4	****	4	3	3	2	2	2	2	2	2	2	2	3
3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2
4	3	2	2	3	3	3	4	5	4	3	4	4	4	3	3	3	4	4	3	3	3	3	3	3	3
5	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
6	3	3	3	2	2	2	3	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	2	2
7	2	2	2	2	2	2	2	1	1	2	2	1	2	1	1	1	1	2	2	2	2	2	3	3	2
8	2	2	3	3	3	3	4	6	5	6	****	3	3	3	2	3	3	2	3	3	4	2	2	2	3
9	2	2	2	2	3	4	4	4	5	3	4	3	3	3	3	3	2	2	2	2	1	2	1	1	3
10	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	2	2
11	2	2	2	2	2	2	3	3	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	2	2
12	2	2	2	2	1	1	1	2	2	2	****	2	2	2	2	2	2	2	2	3	3	2	2	2	2
13	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	3	2	3	3	3	4	2
14	4	4	4	5	5	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
15	2	1	1	1	1	2	2	2	3	2	****	2	2	****	3	3	3	3	2	2	2	2	2	2	2
16	2	2	2	2	3	4	3	2	2	3	3	3	3	3	2	2	2	2	3	4	3	3	3	2	3
17	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	4	4	3	4	3	2	3	2	2	2	2	2	2	2	2	2	1	2
19	2	2	2	2	2	2	3	4	3	2	****	2	2	2	2	3	3	3	4	4	3	4	3	4	3
20	3	4	3	3	4	2	2	4	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3
21	2	2	3	2	2	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	3	3	2	2	2
22	1	1	2	1	1	1	2	2	2	2	3	2	2	2	2	4	4	3	2	2	3	2	2	2	2
23	2	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
25	2	3	3	3	2	2	3	3	8	5	6	6	4	3	3	3	3	2	2	2	2	3	2	3	3
26	4	2	2	1	1	1	1	2	1	1	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2
27	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2	3	2	2	2	2	2
29	2	1	1	1	1	2	2	3	3	2	****	2	2	2	2	3	4	3	3	4	4	4	5	4	3
30	12	9	5	6	5	5	6	6	7	6	5	3	3	3	3	3	3	2	2	2	2	2	2	2	4
MEAN	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	2	2	2	2	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	3	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2
3	3	3	3	3	2	2	3	3	2	2	****	2	2	2	4	5	5	5	4	3	3	3	3	3	3
4	3	3	3	3	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3
7	2	2	2	3	2	3	5	6	6	6	7	6	5	4	3	3	3	4	3	3	4	4	3	3	4
8	4	3	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	3	4	4	3	2	2	2	2	3	2	2	2	2	3	2	2	2	3	2
10	2	2	2	2	2	3	4	5	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
11	3	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
12	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
14	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2
15	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
16	2	2	2	2	2	2	3	3	4	5	4	4	5	3	3	4	3	3	2	2	2	2	2	2	3
17	2	2	2	2	2	2	3	4	6	6	6	6	8	7	3	3	3	2	2	2	2	2	1	1	3
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	2	1	1	2	2
19	2	2	2	1	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1	2	2	2	2	2	2
20	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2
22	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	3	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	2	2	2	2	2	2	1	1	2
29	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	1	1	1	1	2	2	2	2	2	****	1	1	1	1	1	1	1	1	2	2	1	1	1
MEAN	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	3	3	1
3	4	4	3	2	1	1	1	1	2	2	2	2	3	3	5	5	4	4	4	5	4	2	2	2	3
4	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	2
5	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
6	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	3	2	2	2	2	2	1	1	2
7	1	2	1	1	1	1	2	2	3	3	2	2	3	4	8	7	7	3	4	6	3	2	1	1	3
8	1	1	1	1	1	1	1	1	1	1	1	1	****	****	****	****	****	2	2	2	2	2	2	2	1
9	2	2	2	2	1	2	1	2	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
12	1	1	1	0	0	0	1	1	2	1	****	1	2	1	1	2	2	2	3	2	2	2	2	2	1
13	3	3	3	2	1	1	1	1	3	3	3	3	3	4	4	5	5	4	4	4	3	3	3	3	3
14	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	2	1
16	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2
17	3	2	3	4	4	4	4	3	3	2	2	2	1	1	2	2	2	2	2	1	1	2	2	2	2
18	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
20	2	2	2	2	2	2	2	3	3	4	3	3	3	2	****	2	3	3	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	1	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2
23	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	2	2	2	2	2	2	3	2
24	2	2	2	2	2	4	5	4	3	4	4	****	9	4	3	4	4	3	3	2	2	2	2	2	3
25	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
26	3	3	2	2	2	2	2	3	4	4	3	****	2	2	2	2	2	2	3	4	4	4	4	4	3
27	4	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	3	4	3	4	2	2	2	2	3	3	3	2	3	3	2	3	3	3	3	2	2	2	2	3
29	2	2	2	2	2	2	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
30	1	1	1	2	1	1	1	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	1
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	2	3
2	2	2	1	2	2	2	2	3	4	5	3	****	2	2	3	3	3	2	1	2	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1
4	2	1	1	1	1	1	2	2	5	5	4	4	2	3	3	5	4	4	3	3	2	3	3	3	3
5	3	2	2	2	2	2	2	3	5	4	3	2	2	2	2	2	2	3	3	4	6	5	5	6	3
6	6	4	4	4	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	2	3	4	3	3
7	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	4	4	4	7	6	6	4	4	4	3
8	4	7	6	7	6	8	8	7	9	9	6	4	4	****	3	3	3	3	2	2	2	2	2	2	5
9	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	2	2	2
10	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2
11	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	1	1	2	3	3	3	2	2	3	3	6	5	5	5	5	4	3	2	2	2	3
13	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
15	2	1	1	1	1	2	2	3	3	3	3	2	2	3	3	3	4	5	4	4	3	****	****	****	3
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1	2	2	2	1	1	1	1	******
17	1	1	1	1	1	1	1	1	2	3	4	4	3	1	2	2	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 54.2 PERCENTAGE OF DATA INVALID - 18.4 PERCENTAGE OF DATA UNAVAILABLE - 27.4

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	1.6	2	9
FEB	29	1.6	3	7
MAR	31	1.8	4	7
APR	30	1.9	4	9
MAY	30	2.1	4	9
JUN	30	2.2	4	10
JUL	28	2.2	4	11
AUG	29	2.7	5	9
SEP	30	2.4	4	12
OCT	31	2.1	4	8
NOV	30	1.9	3	9
DEC	16	2.3	5	9
YEAR	340	2.1	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	643	0	0	0	0	0	0	0	643
FEB	689	0	0	0	0	0	0	0	689
MAR	724	0	0	0	0	0	0	0	724
APR	712	0	0	0	0	0	0	0	712
MAY	720	0	0	0	0	0	0	0	720
JUN	714	0	0	0	0	0	0	0	714
JUL	691	1	0	0	0	0	0	0	692
AUG	714	0	0	0	0	0	0	0	714
SEP	712	1	0	0	0	0	0	0	713
OCT	741	0	0	0	0	0	0	0	741
NOV	711	0	0	0	0	0	0	0	711
DEC	403	0	0	0	0	0	0	0	403
YEAR	8174	2	0	0	0	0	0	0	8176

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.1	0	0.3	0.9	1.4	1.9	2.9	3.7	4.9	5.9	12	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	27	28	27	26	26	25	26	26	26	25	24	24	24	22	23	22	22	22	21	21	21	21	24
2	20	20	21	22	22	22	22	23	25	25	23	22	23	23	23	23	24	22	19	19	19	19	19	19	22
3	19	19	19	19	19	19	19	19	21	21	21	21	21	20	19	20	21	20	20	19	19	19	19	19	20
4	19	19	19	19	19	19	19	20	****	21	22	22	21	21	21	20	20	21	21	21	21	21	21	21	20
5	21	21	21	21	20	20	20	20	20	20	19	20	20	20	20	20	19	19	21	22	22	22	24	24	21
6	26	36	44	50	67	67	48	38	30	26	23	21	19	19	20	19	19	19	19	19	20	20	19	20	30
7	20	20	19	20	19	20	20	20	20	20	20	18	19	19	19	19	20	20	20	21	21	21	21	21	20
8	20	19	19	19	19	19	19	20	21	21	22	21	19	19	19	19	20	****	21	21	20	20	20	20	20
9	20	20	20	20	20	21	21	22	22	22	23	21	21	20	19	18	19	19	20	22	22	21	23	22	21
10	22	24	25	27	22	22	22	23	25	****	****	25	22	22	23	23	24	24	25	23	22	22	21	21	23
11	20	20	20	19	19	18	18	18	18	18	18	17	17	17	18	19	18	-	-	-	-	-	-	-	18
12												- DATA UNAVAILABLE													
13												- DATA UNAVAILABLE -													
14	-	-	-	-	-	-	-	-	-	-	-	-	****	24	24	24	24	23	23	23	24	22	22	20	******
15	20	20	20	20	20	20	21	21	23	23	22	22	23	19	19	22	22	22	21	20	22	24	24	23	21
16	24	23	23	24	23	22	22	23	23	23	24	24	26	26	26	26	26	27	26	26	26	25	25	25	25
17	23	23	22	21	21	20	20	20	21	22	24	23	23	22	22	22	23	23	22	23	23	22	22	22	22
18	23	22	22	23	22	22	21	24	****	25	23	22	21	21	21	21	21	21	21	21	21	22	22	21	22
19	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	****	19	20	23	26	26	25	24	23	23	23	22	22	24	24	24	******
26	23	22	23	24	24	27	24	25	25	25	24	22	20	19	19	21	19	20	20	22	25	33	32	30	24
27	23	28	36	34	33	28	24	30	26	25	20	20	19	19	20	20	20	21	22	20	20	19	19	19	24
28	19	19	19	19	19	19	19	21	21	20	19	19	20	20	20	20	20	21	21	20	20	20	20	21	20
29	22	22	22	22	22	22	22	23	23	22	21	21	20	20	20	21	20	21	21	22	23	24	24	25	22
30	25	25	26	23	22	23	23	22	22	23	****	****	19	19	20	20	22	21	20	19	19	20	20	21	22
31	20	20	19	19	19	19	20	20	22	22	21	20	18	18	18	19	20	20	20	20	20	20	20	20	20
MEAN	22	22	23	23	24	24	22	23	23	22	22	21	21	21	21	21	21	21	21	21	21	22	22	22	21.9

PERCENTAGE OF DATA VALID - 69.5 PERCENTAGE OF DATA INVALID - 12.4 PERCENTAGE OF DATA UNAVAILABLE - 18.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	22	22	22	23	24	25	25	21	19	18	18	17	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	-	-	-	-	-	-	-	-	-	-	-	-	****	20	19	20	19	21	19	20	19	20	20	20	******
22	20	20	20	20	19	20	20	21	22	23	25	25	24	23	23	23	23	23	22	21	21	21	21	21	22
23	21	22	22	22	22	23	22	22	23	24	27	23	22	21	22	21	24	22	23	23	22	22	22	22	22
24	23	23	23	20	19	19	19	19	19	19	19	19	19	19	19	19	20	21	21	22	21	19	21	22	20
25	22	23	24	20	20	21	20	21	22	22	21	20	22	22	21	21	22	22	22	22	22	22	22	22	22
26	20	20	20	20	20	20	21	22	23	22	21	20	19	19	19	19	19	19	19	19	19	20	20	20	20
27	23	23	23	23	23	24	24	25	23	22	22	21	19	19	18	18	19	19	19	19	19	19	19	19	21
28	20	20	19	19	20	20	20	20	21	21	22	21	21	19	19	19	19	20	19	19	20	20	20	20	20
29	21	20	20	20	20	20	21	21	22	21	21	21	21	20	20	20	21	21	21	21	21	21	21	21	21
MEAN	21	21	21	21	21	21	21	22	22	22	22	21	21	20	20	20	21	21	21	21	20	20	21	21	20.9

PERCENTAGE OF DATA VALID - 31.3 PERCENTAGE OF DATA INVALID - 20.4 PERCENTAGE OF DATA UNAVAILABLE - 48.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	21	22	23	23	23	22	23	23	23	23	22	22	22	21	22	22	23	23	24	25	24	22
2	23	22	23	22	22	24	23	24	27	25	22	21	23	22	22	21	21	22	23	23	24	24	25	24	23
3	22	25	24	27	27	24	23	24	24	24	23	21	21	20	20	20	21	21	21	21	21	21	21	22	22
4	23	22	21	21	23	24	24	26	26	23	23	24	22	20	21	20	20	20	20	21	20	20	20	21	22
5	21	20	20	22	23	22	23	21	27	27	35	29	21	20	19	19	19	19	19	18	18	18	18	18	22
6	19	19	18	18	18	19	21	23	24	21	19	18	19	19	19	18	19	18	19	19	21	21	20	23	20
7	25	22	23	21	20	19	19	21	22	21	20	19	19	19	19	19	21	22	21	19	19	19	19	19	20
8	19	19	19	20	20	20	21	21	21	21	22	22	23	23	23	24	****	****	****	****	****	****	****	****	21
9												- DATA INVALID -													
10	****	****	****	****	****	****	****	****	****	22	21	20	21	20	19	19	19	19	18	18	18	18	18	18	******
11	19	19	19	18	19	19	19	19	19	****	****	18	18	18	18	18	18	18	18	18	18	18	18	18	18
12	19	19	19	19	20	20	21	20	21	20	19	18	18	18	17	17	20	17	17	17	17	16	17	17	18
13	18	19	18	18	18	18	18	18	19	20	21	21	20	20	20	21	21	21	21	21	21	22	22	22	20
14	22	20	18	18	18	19	19	19	19	18	18	18	19	19	19	19	19	19	20	21	21	21	21	21	19
15	21	21	22	22	23	22	22	21	21	20	20	19	19	19	18	19	27	19	20	21	21	20	21	20	21
16	20	20	20	20	20	20	21	22	23	22	21	20	18	18	18	18	17	17	17	17	17	17	17	16	19
17	18	17	17	17	17	16	17	17	18	18	18	18	19	21	22	20	21	20	20	19	20	19	20	19	19
18	18	19	19	19	19	19	19	21	21	20	19	19	18	18	18	18	18	18	20	21	21	21	22	22	19
19	24	21	21	23	23	22	22	23	23	22	21	21	19	18	18	18	19	19	18	18	19	19	20	19	20
20	20	21	21	21	22	21	21	20	21	20	20	19	19	19	18	18	19	19	19	18	18	19	18	18	20
21	19	19	19	21	19	18	17	17	18	18	18	18	19	18	18	18	18	18	18	18	18	18	18	18	18
22	19	18	18	18	17	17	17	17	18	17	18	18	18	18	18	18	18	16	19	19	19	19	19	19	18
23	18	18	18	20	20	20	19	19	18	18	18	20	19	19	18	18	19	19	20	20	19	19	18	19	19
24	19	19	18	18	18	18	18	18	19	19	19	21	22	21	22	23	23	21	20	19	19	18	18	18	20
25	19	19	19	18	18	18	18	18	19	19	19	20	20	19	19	19	19	19	19	20	21	26	27	25	20
26	31	28	25	24	26	26	25	26	25	25	27	21	19	19	18	18	23	19	18	19	21	26	27	24	23
27	23	22	21	20	20	20	20	20	20	20	19	18	18	18	17	18	18	19	19	19	20	20	20	21	20
28	21	21	21	20	25	25	23	22	23	22	20	20	19	20	20	21	21	20	20	20	21	20	20	21	21
29	21	19	19	19	19	19	19	19	19	20	20	19	20	19	19	19	19	20	19	18	18	19	20	20	19
30	21	21	19	19	20	20	20	19	18	18	18	17	18	18	18	18	18	18	18	18	17	17	17	17	18
31	18	18	18	17	17	17	18	18	20	21	20	22	20	21	23	20	20	20	19	19	19	19	19	19	19
MEAN	21	20	20	20	20	20	20	21	21	21	21	20	20	19	19	19	20	19	19	19	20	20	20	20	20.0

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	20	20	20	21	22	22	21	21	22	20	19	19	20	21	19	21	21	22	20	20	20
2	19	22	20	20	22	22	24	23	24	33	25	21	21	22	23	21	19	19	19	21	20	22	22	21	22
3	21	21	21	20	20	18	18	20	18	19	18	18	19	19	20	19	21	21	20	19	19	20	22	21	20
4	21	22	23	25	23	22	22	23	21	21	21	19	21	19	19	18	19	21	18	18	20	21	18	19	21
5	21	21	20	20	21	21	21	20	19	19	19	18	17	17	17	16	16	16	17	17	18	20	21	22	19
6	26	28	29	27	26	25	25	26	23	24	22	18	18	18	17	17	18	18	18	18	18	18	18	20	21
7	19	20	21	20	21	22	20	19	19	19	18	18	19	18	18	19	19	19	20	19	19	21	20	20	19
8	20	19	20	20	19	18	18	18	19	19	19	18	19	20	19	19	19	20	19	18	18	17	17	18	19
9	18	18	18	17	16	17	17	18	18	20	19	18	18	19	19	18	19	18	18	18	18	18	18	19	18
10	19	19	18	18	19	18	18	18	18	18	20	20	20	19	19	19	20	19	19	19	18	20	21	21	19
11	21	20	20	20	20	20	21	20	20	20	****	20	20	19	18	19	19	20	20	22	23	21	19	18	20
12	19	19	19	18	17	17	17	17	19	20	19	18	19	19	18	18	18	18	18	18	18	18	18	18	18
13	18	19	19	21	21	21	21	20	20	19	18	18	17	17	17	18	18	18	18	18	18	18	18	18	19
14	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	20	20	19	18	18	18	19	18
15	18	18	18	18	18	18	18	18	19	19	20	20	19	19	19	18	18	18	18	18	18	18	19	18	18
16	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18	18	18	18	20	19	19	18
17	19	19	19	19	19	19	19	19	18	****	****	19	18	17	17	16	16	16	16	16	18	19	21	25	18
18	26	25	25	29	27	29	27	26	25	21	19	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	19	19	19	19	20	20	20	20	20	******
23	20	20	22	21	22	23	23	21	21	21	18	19	19	19	19	19	19	19	19	19	20	19	19	19	20
24	19	19	19	20	20	21	20	20	20	20	20	20	19	20	20	20	20	20	20	20	21	21	20	20	20
25	20	20	20	20	20	20	20	21	21	20	20	20	****	19	19	19	20	19	20	19	21	21	22	23	20
26	23	22	22	22	23	24	25	26	22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA UNAVAILABLE -													
MEAN	20	20	20	21	20	21	20	20	20	21	20	19	19	19	19	18	19	19	19	19	19	20	20	20	19.6

PERCENTAGE OF DATA VALID - 70.1 PERCENTAGE OF DATA INVALID - 21.3 PERCENTAGE OF DATA UNAVAILABLE - 8.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	-	****	19	19	19	20	21	21	26	25	23	22	******
6	21	22	22	22	22	22	22	****	22	21	21	21	20	20	20	20	20	19	19	19	20	23	20	20	21
7	20	20	20	20	20	20	20	21	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	22	20
8	23	25	25	23	23	22	22	22	21	21	****	****	20	20	20	20	20	20	20	20	20	20	20	21	21
9	21	21	21	22	22	22	23	23	21	21	20	19	19	19	19	20	20	20	20	20	21	21	24	23	21
10	24	24	24	22	23	23	23	22	20	19	20	19	19	19	19	20	19	19	19	20	20	19	19	19	21
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13	19	19	19	18	19	20	21	24	****	23	24	22	22	22	22	22	22	22	22	23	25	26	22	21	22
14	20	20	20	20	20	21	21	21	21	21	21	20	20	20	20	20	21	21	21	21	21	21	21	21	21
15	21	22	30	36	34	30	34	33	30	24	22	20	20	20	20	****	20	21	21	22	24	25	30	36	26
16	32	31	32	34	37	39	38	37	27	22	21	20	20	20	20	20	20	20	20	20	20	20	21	21	26
17	20	21	21	21	21	22	23	22	22	22	22	25	23	23	23	23	23	22	23	23	22	21	20	20	22
18	20	20	20	20	22	22	22	21	21	21	20	20	20	20	20	20	20	20	21	21	21	22	21	21	21
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20	22	22	23	23	23	24	26	25	24	24	23	21	21	21	20	20	20	20	21	21	22	21	21	21	22
21	21	22	23	25	27	28	30	33	30	27	22	21	21	21	21	22	21	21	21	21	24	27	24	25	24
22	30	36	43	46	44	42	39	36	29	25	23	23	22	22	21	21	20	19	20	21	21	25	26	30	29
23	32	35	35	34	32	30	27	27	23	23	23	22	****	22	21	21	21	21	20	20	20	21	22	23	25
24	25	23	22	22	22	22	23	23	21	22	22	21	21	21	21	21	21	21	23	22	22	22	22	23	22
25	25	24	23	23	23	22	21	21	20	20	19	19	19	19	18	18	18	19	19	19	19	19	20	20	20
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27	21	22	23	27	30	33	38	34	31	30	26	24	23	23	21	21	21	21	20	19	19	20	20	21	25
28	22	27	29	25	27	32	32	34	28	25	23	24	22	21	21	21	21	21	21	21	21	21	21	22	24
29	21	21	21	23	24	26	27	28	28	36	32	32	****	28	25	22	22	21	21	22	22	23	21	21	25
30	23	24	23	23	23	24	23	23	21	21	21	21	21	21	20	21	21	21	23	19	19	19	19	19	21
31	21	21	21	21	21	21	22	22	22	22	21	20	19	19	19	19	20	20	20	20	20	21	21	22	21
MEAN	23	23	24	24	25	25	26	26	24	23	22	21	21	21	20	20	20	20	21	20	21	22	22	22	22.3

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 14.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	20	19	20	20	21	21	21	20	21	21	21	20	20	21	21	20	21	22	21	23	26	25	25	21
2	25	29	22	20	20	20	21	24	25	24	22	22	22	21	22	22	22	20	21	22	23	24	23	23	22
3	22	21	21	20	20	23	27	24	24	23	23	22	22	22	21	21	21	21	21	21	22	23	26	26	22
4	30	35	34	28	23	22	22	22	23	22	21	21	21	21	21	21	20	20	21	21	21	22	21	22	23
5	26	24	30	34	37	34	27	22	21	20	20	20	20	20	20	21	21	21	21	22	22	22	22	21	24
6	20	20	20	20	20	20	20	****	22	21	21	21	21	20	20	20	20	20	20	21	21	23	23	27	21
7	27	24	23	23	23	23	23	24	22	22	21	21	24	23	21	21	21	22	22	24	23	****	****	****	23
8	****	38	27	22	22	21	21	20	20	20	21	20	19	19	19	19	19	19	19	19	20	22	26	22	21
9	23	22	21	21	20	20	21	23	21	20	20	20	20	20	20	21	21	20	19	19	20	20	20	20	21
10	21	21	20	20	20	20	20	21	20	20	20	20	19	19	19	19	19	19	19	19	20	23	24	24	20
11	25	24	22	22	22	28	30	26	24	21	20	20	19	19	19	20	20	20	20	20	21	22	26	31	23
12	25	25	26	29	29	29	32	29	26	27	25	21	21	21	20	20	20	21	20	19	20	21	23	25	24
13	20	20	21	21	21	24	26	24	22	22	21	21	21	21	21	20	20	20	20	21	22	21	21	21	21
14	22	23	23	22	22	24	24	26	27	23	21	23	24	21	20	20	23	24	22	22	27	32	33	28	24
15	28	28	30	30	32	33	33	27	23	22	22	21	20	20	20	20	19	19	19	19	19	19	19	19	23
16	19	19	19	19	20	21	22	22	20	20	20	19	19	19	19	19	19	19	19	20	20	21	23	22	20
17	22	22	22	23	24	25	22	22	24	23	20	20	19	19	20	20	20	20	19	19	18	19	22	26	21
18	23	23	26	27	25	23	28	28	25	26	22	21	20	20	20	21	21	21	22	21	19	20	20	20	23
19	21	21	22	22	22	21	21	21	21	20	21	20	20	20	20	20	20	20	19	19	19	18	18	18	20
20	18	18	18	19	19	20	20	****	21	21	21	21	21	21	21	21	20	20	20	19	20	21	21	21	20
21	21	21	22	22	22	23	24	24	23	22	20	19	19	20	20	20	20	19	19	19	19	20	20	21	21
22	21	21	21	21	23	24	22	22	21	22	21	19	19	19	18	18	18	18	18	18	18	18	18	19	20
23	19	19	20	21	21	22	21	21	21	20	20	19	19	19	18	18	18	18	18	19	20	20	20	19	20
24	20	21	21	21	22	24	23	27	23	21	19	18	18	17	17	18	18	19	18	18	18	20	19	19	20
25	19	19	18	18	19	18	17	16	18	18	18	18	18	18	18	****	****	****	****	****	****	****	****	****	******
26												- DATA INVALID -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	22	23	23	23	23	23	24	23	22	22	21	20	20	20	20	20	20	20	20	20	21	22	22	22	21.5

PERCENTAGE OF DATA VALID - 81.3 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 15.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	20	20	21	22	22	21	21	22	22	23	23	23	23	23	23	******
8	24	24	25	24	24	24	29	33	26	26	26	25	26	25	24	24	24	24	25	23	23	23	24	27	25
9	29	33	30	31	35	38	33	29	26	25	24	25	25	25	24	24	24	24	25	23	23	26	30	27	27
10	27	27	27	26	26	29	29	29	24	23	24	23	22	23	22	22	22	22	22	22	23	21	22	25	24
11	28	29	30	30	26	27	27	28	31	29	26	26	22	22	22	21	21	21	22	22	23	21	21	23	25
12	24	23	23	23	23	23	23	22	22	22	22	23	22	21	21	21	21	21	21	22	22	22	22	22	22
13	23	26	25	25	25	25	25	25	24	23	23	23	23	23	23	23	23	23	23	23	23	22	22	22	24
14	22	23	26	28	32	36	28	24	22	22	22	21	22	22	21	21	21	21	21	21	21	21	21	22	23
15	22	22	22	22	24	26	24	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	23
16	22	23	29	28	27	26	28	28	****	****	****	****	21	22	22	22	21	21	22	23	22	21	21	21	24
17	21	22	23	26	24	23	25	24	23	22	21	21	21	21	21	21	21	21	21	21	23	23	24	22	22
18	22	22	23	24	27	29	32	28	24	22	****	23	23	23	22	22	22	22	22	22	22	22	22	23	24
19	22	22	24	25	23	23	24	26	26	25	24	22	22	22	22	23	21	22	22	23	25	27	27	27	24
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21	21	22	24	23	22	22	22	27	23	21	21	21	22	22	21	22	23	25	22	23	24	25	22	22	23
22	23	24	27	27	26	26	24	24	****	23	22	21	21	21	22	22	21	21	20	20	20	21	22	24	23
23	26	24	24	23	24	25	23	23	23	22	21	21	21	21	21	20	20	20	21	21	21	21	22	26	22
24	30	31	32	30	34	42	46	38	29	28	27	25	24	22	23	22	21	20	20	20	20	21	23	23	27
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26	25	26	26	30	33	32	34	33	25	23	23	23	24	23	22	22	23	22	22	22	22	21	21	21	25
27	21	21	21	21	22	22	23	22	22	22	22	22	23	22	22	21	21	22	23	22	24	24	23	22	22
28	22	22	23	22	21	23	23	24	25	25	26	25	25	24	24	23	23	22	22	22	22	23	24	29	24
29	28	30	28	25	26	26	27	27	26	27	26	23	23	22	22	22	21	21	21	22	23	23	25	33	25
30	30	28	24	23	23	22	23	24	25	****	****	21	21	21	21	21	21	21	21	21	23	26	26	23	23
31	22	22	22	21	21	21	21	21	22	22	22	21	22	22	21	23	22	22	22	22	24	25	22	22	22
MEAN	24	25	25	25	26	27	27	26	25	23	23	23	23	22	22	22	22	22	22	22	23	23	23	24	23.8

PERCENTAGE OF DATA VALID - 78.4 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 20.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	22	22	22	22	23	23	23	22	22	21	21	21	21	21	21	21	21	23	28	30	32	23
2	32	31	41	48	37	31	30	27	29	26	23	20	20	20	21	21	21	22	23	22	21	21	23	23	26
3	25	24	22	21	21	21	21	21	24	22	21	20	20	20	20	20	20	20	20	21	21	20	20	20	21
4	21	22	22	22	24	25	24	22	21	20	20	20	20	20	20	19	19	19	20	20	20	20	20	21	21
5	21	21	21	21	21	21	22	22	22	23	21	21	20	20	20	20	20	20	21	20	21	22	22	22	21
6	24	24	23	25	27	27	29	29	27	24	23	23	23	22	22	21	21	21	21	22	22	24	23	22	24
7	24	22	23	22	21	22	22	23	24	22	21	21	22	21	21	21	20	20	20	20	21	22	28	28	22
8	34	33	32	34	32	30	30	29	24	22	22	22	23	22	22	21	21	19	19	19	20	21	21	21	25
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16	23	23	23	24	23	23	23	23	23	23	22	22	22	22	22	21	21	21	21	21	21	22	22	22	22
17	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	22
18	24	24	24	24	24	25	28	29	26	24	****	24	24	23	22	21	21	20	20	22	22	24	25	24	24
19	24	25	23	24	25	27	28	31	26	26	23	21	22	22	22	22	22	22	22	22	22	22	22	22	24
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25	25	27	32	37	39	37	40	****	****	24	24	22	22	22	21	21	21	24	21	21	21	21	21	22	26
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27	25	27	27	32	32	35	37	38	****	26	24	22	23	22	22	22	22	26	30	24	23	27	28	31	27
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31	23	24	24	24	24	27	24	25	26	24	24	24	22	22	21	21	22	25	23	24	23	22	22	22	23
MEAN	24	24	24	25	25	25	26	25	24	23	22	22	22	21	21	21	21	21	21	22	23	23	24	23.0	

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3	****	****	****	****	****	****	****	****	****	****	21	21	20	20	21	21	21	21	24	24	22	23	22	22	******
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5	25	27	24	24	25	26	26	26	26	22	21	21	21	20	21	21	22	22	22	23	30	31	26	32	24
6	32	32	31	28	27	27	27	27	26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******	
7												- DATA INVALID -													
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	32	26	24	24	23	23	23	23	23	24	******
9	23	23	23	24	24	28	37	30	25	23	22	21	21	22	22	21	20	19	19	20	21	****	****	****	23
10	****	****	****	****	****	****	****	****	****	****	****	23	24	23	22	22	22	22	22	23	23	24	****	****	******
11	****	****	****	****	****	****	****	****	****	31	28	24	24	24	25	25	25	25	27	26	26	24	25	27	******
12	26	26	27	27	25	25	29	30	26	24	24	23	25	25	24	25	25	24	24	24	23	23	22	22	25
13	23	21	21	21	22	23	23	23	24	25	24	23	24	24	23	23	22	22	****	****	****	****	****	****	23
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	23	23	25	25	25	28	26	25	26	26	26	26	26	26	******
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21	29	30	28	26	25	25	25	25	25	26	26	25	25	25	25	26	26	26	28	28	27	27	25	25	26
22	25	25	27	27	26	26	26	27	27	27	30	32	29	25	24	24	24	25	22	****	****	****	****	****	26
23	****	****	****	****	****	****	****	****	****	****	****	23	29	24	22	21	21	21	21	21	21	23	23	23	******
24	23	23	23	23	22	22	23	27	22	21	20	20	20	20	20	20	20	20	21	23	23	22	22	23	22
25	22	22	23	27	25	26	29	30	26	26	23	22	23	23	25	24	22	22	22	22	22	22	21	21	24
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28	33	29	25	25	25	25	25	25	23	22	21	21	21	21	21	22	22	22	22	23	23	22	21	21	23
29	21	22	22	22	22	22	24	23	22	22	20	21	22	23	21	21	21	21	21	22	23	23	23	23	22
30	23	24	25	25	25	26	27	28	29	26	27	26	22	21	21	21	21	21	21	21	22	22	22	22	24
MEAN	25	25	25	25	25	25	27	27	26	24	23	23	23	23	23	23	23	22	23	23	24	24	24	25	24.1

PERCENTAGE OF DATA VALID - 60.0 PERCENTAGE OF DATA INVALID - 40.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	23	23	22	22	22	21	21	21	21	21	21	20	22	21	21	23	22	22	21	21	21	22
2	20	20	22	23	23	21	22	22	22	22	21	20	21	21	21	21	21	22	23	28	35	30	25	22	23
3	23	24	25	23	23	24	25	****	23	23	21	21	22	22	22	21	21	21	21	21	21	21	21	21	22
4	21	21	21	21	21	21	21	22	22	22	22	22	21	21	21	21	21	22	22	22	22	22	22	22	22
5	23	22	22	22	22	23	23	23	27	29	23	32	24	22	22	22	22	22	22	22	22	23	22	22	23
6	22	22	22	24	26	27	26	24	24	41	21	21	21	21	21	22	24	24	25	23	23	23	25	27	24
7	27	29	32	34	35	35	36	38	40	34	31	27	23	22	21	21	21	21	23	23	22	23	24	31	28
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9	22	22	21	22	22	23	24	****	20	20	20	21	22	21	22	22	22	22	22	22	22	22	22	20	22
10	21	21	21	25	31	34	29	29	26	23	20	21	22	21	21	22	22	22	21	22	23	23	22	24	24
11	28	26	24	26	26	24	23	23	23	22	23	23	22	21	21	22	22	21	22	22	22	22	21	22	23
12	22	22	22	22	21	22	22	22	21	22	22	22	22	22	22	22	22	22	22	23	24	24	25	25	22
13	24	24	24	24	24	25	25	26	25	24	23	22	23	22	22	22	22	22	22	23	26	26	25	25	24
14	26	28	28	30	25	25	29	37	33	30	25	23	22	22	21	22	21	21	22	21	21	21	22	22	25
15	22	21	21	21	21	22	23	22	****	22	22	22	23	22	22	22	22	21	21	22	21	21	21	21	22
16	21	21	21	21	22	22	24	23	24	25	25	26	23	23	25	25	25	27	27	24	24	23	22	21	24
17	20	20	20	20	20	20	21	20	19	19	19	19	20	20	20	20	20	20	20	20	19	21	21	22	20
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19	23	22	22	23	23	23	22	22	22	23	21	21	21	21	21	21	21	22	23	23	22	22	23	24	22
20	23	23	24	23	23	22	22	22	23	23	22	22	22	22	21	21	21	21	22	23	25	27	23	24	23
21	24	24	23	****	****	****	****	****	21	21	21	21	20	19	19	19	20	21	23	22	21	21	21	22	21
22	22	24	29	32	32	34	38	37	36	29	****	21	21	21	21	21	21	21	21	21	21	21	22	23	26
23	22	22	22	22	22	22	22	****	22	22	22	22	22	22	****	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	****	22	22	22	22	22	22	22	22	22	22	21	22	22	22	******
25	21	21	22	23	22	22	22	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	21	21	22
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28	27	24	24	23	24	24	23	23	22	22	21	21	22	****	21	21	22	22	22	25	27	28	25	24	23
29	23	24	24	25	26	27	27	29	29	30	26	24	22	22	22	23	23	25	24	25	25	26	31	35	26
30	40	32	31	36	41	42	43	45	50	****	****	****	****	****	****	****	20	21	21	21	21	21	22	24	31
31	24	23	23	22	22	22	24	25	25	****	20	20	18	18	17	17	17	17	17	17	20	21	21	21	20
MEAN	24	23	23	24	24	25	25	26	25	24	22	22	22	21	21	21	22	22	22	22	23	23	23	23	23.1

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 5.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	22	21	19	20	21	20	19	19	19	18	17	18	18	17	18	18	19	19	19	18	18	18	19	19
2	17	18	18	18	18	17	18	19	19	19	18	17	17	17	17	17	17	17	19	19	18	18	18	19	18
3	19	19	19	19	19	19	19	20	20	19	19	18	18	18	18	17	16	16	17	18	19	18	17	17	18
4	17	17	17	18	18	18	19	18	19	****	****	****	-	-	-	-	-	-	-	-	-	-	-	-	******
5	- DATA INVALID -																								
6	- DATA INVALID -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	19	19	20	20	21	21	******
11	22	22	22	22	22	22	22	23	24	24	24	24	24	24	24	24	26	25	25	24	25	26	27	29	24
12	33	36	30	30	36	36	35	33	32	29	28	28	34	31	28	27	27	27	26	25	24	25	25	28	30
13	25	24	23	25	27	30	29	27	26	25	25	26	28	27	27	26	28	27	26	26	27	28	27	28	26
14	27	27	27	26	26	27	26	26	26	26	26	26	25	25	24	24	25	25	25	25	25	25	26	25	26
15	25	25	26	26	28	26	25	24	24	24	24	24	25	24	24	24	24	24	25	25	25	25	25	24	25
16	25	26	26	28	27	26	27	29	30	29	25	25	24	23	23	23	23	24	26	28	27	26	27	26	26
17	32	29	28	27	38	43	40	33	28	****	****	20	20	20	20	20	20	21	21	21	22	21	21	21	26
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20	28	28	28	28	24	24	28	29	27	22	22	22	21	21	19	19	19	20	19	19	19	21	21	21	23
21	22	21	21	20	20	20	20	21	21	****	18	19	20	20	21	21	21	20	21	21	21	21	21	23	21
22	26	26	27	31	31	28	22	22	22	23	20	21	20	19	18	18	18	18	18	18	18	19	20	19	22
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26	42	35	27	26	30	36	35	47	38	40	28	23	19	19	19	18	18	19	20	20	21	21	21	****	27
27	****	****	****	****	****	****	****	****	****	22	22	22	22	22	23	23	23	23	21	21	21	22	23	23	******
28	22	22	22	22	22	22	23	24	23	24	23	23	22	22	22	22	23	24	24	23	24	25	24	23	23
29	23	22	22	23	23	23	23	23	24	24	23	22	21	21	21	21	21	21	21	22	22	23	24	24	22
30	24	24	23	23	24	24	22	22	22	22	22	21	21	20	19	20	21	22	25	25	25	23	22	23	22
MEAN	24	24	23	23	24	25	24	24	24	24	22	22	22	21	21	21	21	21	22	22	22	23	23	24	22.8

PERCENTAGE OF DATA VALID - 76.9 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 17.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	23	25	27	27	29	34	33	36	28	26	26	26	23	27	25	25	25	24	24	24	24	26
2	24	23	22	22	22	21	21	22	23	23	22	27	23	22	21	21	21	21	21	21	21	21	21	21	22
3	21	21	21	21	21	21	22	22	23	24	24	24	22	23	22	22	22	23	23	23	22	22	21	21	22
4	22	22	22	24	24	23	25	25	****	****	22	21	20	20	20	20	20	21	21	21	21	20	20	21	22
5	21	21	22	22	21	21	21	21	21	21	21	21	23	22	****	23	23	25	23	23	23	23	22	22	22
6	23	23	24	23	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	21	21	21	20	21	22	24	25	25	24	24	26	27	23	20	******
10	20	20	20	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	20	20
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12	20	21	21	24	23	21	19	19	20	20	19	21	21	21	20	22	24	24	24	23	23	21	22	22	21
13	26	26	26	24	23	20	20	20	19	19	19	19	18	18	18	18	19	18	19	22	22	22	21	21	21
14	21	21	20	20	20	19	19	19	20	20	19	19	18	18	17	17	17	17	18	20	20	21	20	21	19
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16	24	24	24	23	22	22	23	23	23	23	24	21	21	22	21	22	22	22	22	22	22	22	22	22	22
17	22	22	22	22	22	23	28	37	38	30	****	****	22	22	23	24	23	23	23	22	23	23	24	24	25
18	23	23	24	25	25	27	28	24	23	22	25	22	22	22	21	22	22	23	23	22	22	23	22	22	23
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21	24	24	24	24	25	25	26	27	27	26	25	23	23	23	22	22	23	23	25	26	31	31	27	33	25
22	28	30	32	25	24	26	24	25	25	21	20	19	20	20	21	21	21	21	22	22	22	23	22	23	23
23	23	23	25	25	23	23	23	23	****	23	23	23	25	24	24	23	23	23	24	25	26	26	23	24	24
24	25	26	26	26	27	28	26	25	23	23	23	22	23	22	22	22	22	23	22	22	22	22	22	23	24
25	23	24	25	24	25	25	25	24	23	23	23	22	20	19	20	21	20	21	21	22	22	22	22	22	22
26	23	23	23	23	23	22	22	22	22	22	22	21	21	22	22	22	22	23	23	24	24	23	24	24	23
27	24	24	27	29	29	28	29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	23	23	23	23	23	23	23	23	24	23	23	22	21	21	21	21	22	22	22	23	23	23	22	23	22.5

PERCENTAGE OF DATA VALID - 73.7 PERCENTAGE OF DATA INVALID - 26.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	21.9	30	67
FEB	8	20.9	22	27
MAR	29	20.0	23	35
APR	20	19.6	22	33
MAY	26	22.3	29	46
JUN	24	21.5	24	38
JUL	24	23.6	27	43
AUG	31	23.0	27	48
SEP	15	24.1	28	38
OCT	29	23.1	31	50
NOV	22	22.8	30	47
DEC	22	22.5	26	38
YEAR	271	22.2	31	67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201&OVER	TOTAL
JAN	0	105	400	10	2	0	0	0	517
FEB	0	51	167	0	0	0	0	0	218
MAR	0	354	345	2	0	0	0	0	701
APR	0	286	218	1	0	0	0	0	505
MAY	0	74	517	36	0	0	0	0	627
JUN	0	121	451	13	0	0	0	0	585
JUL	0	0	556	27	0	0	0	0	583
AUG	0	7	699	31	0	0	0	0	737
SEP	0	2	417	13	0	0	0	0	432
OCT	0	16	654	35	0	0	0	0	705
NOV	0	137	390	27	0	0	0	0	554
DEC	0	30	509	9	0	0	0	0	548
YEAR	0	1183	5323	204	2	0	0	0	6712

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76.4	16	18.2	19.9	21.0	22.3	25.6	27.9	32.2	35.4	67	22.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	16	17	18	19	18	18	19	18	18	19	19	19	18	19	18	17	16	16	16	16	17	16	18
2	16	15	15	16	16	17	17	17	18	18	18	17	15	14	15	15	14	13	14	13	13	13	13	13	15
3	13	13	13	13	13	13	13	14	14	14	14	13	14	14	****	****	19	17	16	17	17	16	15	16	15
4	16	15	15	15	15	16	18	21	22	17	17	18	16	****	****	****	16	19	18	19	18	18	18	17	17
5	16	16	17	16	****	16	15	15	16	16	16	16	16	16	17	17	17	17	16	18	20	18	17	16	17
6	17	18	20	31	25	29	25	22	21	21	21	20	19	17	16	16	16	17	17	18	17	16	16	16	20
7	17	17	21	24	22	15	15	15	16	16	16	16	16	16	16	16	16	17	17	17	16	16	16	17	17
8	17	16	17	17	17	17	17	17	18	18	18	18	18	****	17	18	18	18	19	18	18	18	18	19	18
9	19	18	18	18	19	19	19	20	21	20	20	19	19	19	19	19	19	19	19	20	20	21	21	25	20
10	22	22	23	24	20	22	21	21	22	20	19	19	20	19	19	18	19	19	18	18	20	21	19	17	20
11	17	17	16	16	18	17	16	17	16	19	22	24	27	21	18	14	14	14	14	14	14	14	14	14	17
12	14	14	15	15	15	15	16	16	16	16	16	17	17	17	17	17	17	17	18	20	21	20	18	19	17
13	20	20	19	18	17	18	18	17	19	19	19	18	18	17	17	17	16	16	18	19	19	19	18	19	18
14	24	17	20	20	20	20	18	18	17	17	16	16	17	17	15	16	16	16	16	16	15	15	16	17	17
15	16	15	15	15	15	15	16	17	16	16	16	15	15	15	15	15	17	17	17	18	17	17	19	18	16
16	16	15	15	17	16	16	16	16	17	16	17	16	17	16	16	16	16	****	16	16	16	18	20	21	17
17	20	17	17	17	16	16	15	16	****	22	23	24	36	27	21	20	21	21	21	20	20	20	21	21	21
18	21	21	21	21	21	22	22	23	23	22	21	21	21	20	21	21	22	21	22	22	21	22	21	21	21
19	21	21	21	21	22	22	22	23	23	23	22	22	21	21	21	21	21	21	21	20	20	20	20	20	21
20	20	21	21	21	21	21	21	21	21	21	20	20	20	20	21	20	20	22	22	23	22	22	22	22	21
21	21	21	22	22	22	22	23	23	25	23	22	22	22	22	21	21	21	22	25	34	31	22	21	21	23
22	20	23	26	26	24	25	26	20	20	20	20	20	****	****	19	19	19	19	19	18	18	18	18	18	21
23	18	18	18	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	19	20	20	19
24	21	21	21	21	21	21	22	23	22	20	21	21	20	20	21	21	21	21	22	23	24	24	23	21	22
25	20	23	21	20	20	20	20	21	21	21	20	21	20	19	19	18	18	19	20	21	23	22	24	23	21
26	23	22	22	21	21	22	21	22	24	23	22	20	19	19	19	19	19	19	20	19	20	21	27	25	21
27	30	26	25	28	23	24	26	25	26	25	24	22	20	19	20	20	19	19	20	20	20	20	20	19	23
28	19	20	20	21	21	21	22	22	23	22	22	22	21	22	21	21	21	22	23	23	24	23	23	22	22
29	21	21	21	21	21	22	21	20	20	20	19	19	19	19	19	19	19	19	20	20	20	21	21	22	20
30	22	22	21	21	21	20	20	21	21	21	20	20	20	20	21	21	21	23	23	-	20	20	21	21	21
31	22	22	21	22	21	21	22	23	24	24	8	12	17	16	16	16	16	16	16	16	16	16	20	18	18
MEAN	19	19	19	20	19	19	19	19	20	20	19	19	19	19	18	18	18	19	19	19	19	19	19	19	19.1

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	17	18	18	18	18	19	19	19	19	21	****	****	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	24	26	25	27	27	25	24	24	****	17	15	15	14	15	15	14	14	14	14	13	14	19
3	13	13	14	16	16	18	17	18	15	14	****	18	-	18	17	17	15	16	15	15	14	12	11	11	15
4	8	8	9	9	9	12	29	19	19	15	11	10	9	8	8	8	8	8	8	9	9	9	9	9	11
5	9	9	8	9	9	9	9	9	8	8	8	7	6	6	6	7	7	8	9	9	8	8	10	9	8
6	10	9	13	12	12	12	16	11	19	20	21	16	10	8	8	8	11	9	9	10	9	9	8	7	12
7	6	6	6	6	7	7	8	8	8	10	10	10	7	6	5	5	6	6	6	7	7	6	7	7	7
8	7	8	8	7	7	6	5	5	5	5	5	6	7	8	7	6	6	7	8	****	****	****	18	-	7
9	19	18	18	20	19	19	23	27	22	20	22	19	19	20	19	19	20	22	25	23	21	25	19	19	21
10	16	15	22	22	19	19	24	19	16	16	15	15	15	15	15	14	15	14	14	****	17	16	17	17	17
11	17	17	17	17	17	18	18	17	18	18	18	18	19	20	20	21	20	19	22	22	21	20	20	19	19
12	18	18	18	18	18	18	20	21	25	27	30	29	19	18	17	17	17	17	17	17	17	17	17	16	16
13	17	17	17	17	17	18	19	18	17	17	17	17	16	16	15	15	15	15	15	15	16	16	16	16	16
14	16	15	15	16	15	15	16	16	17	15	15	15	16	16	16	16	17	16	17	23	35	15	15	17	17
15	20	20	21	26	23	25	21	22	22	22	21	21	20	19	19	18	18	18	18	18	17	17	****	16	20
16	16	17	17	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	25	20	21	22	22	19
17	22	23	22	24	24	23	23	26	29	25	24	****	18	****	****	****	****	25	27	25	26	****	24	19	18	24
18	23	41	34	54	35	22	20	19	16	15	****	27	19	20	21	21	22	22	24	26	29	32	29	40	27
19	50	38	45	39	46	42	40	30	34	27	23	23	23	22	24	25	26	32	39	52	49	38	37	29	35
20	25	27	27	37	28	27	24	22	22	21	20	20	20	20	20	19	19	19	19	19	20	21	22	21	22
21	23	21	22	22	22	27	26	22	18	17	18	20	22	22	13	14	13	14	14	18	47	-	40	60	23
22	57	63	54	35	30	26	37	37	27	24	26	26	24	-	-	-	-	-	-	-	-	13	-	10	******
23	10	9	8	8	7	6	6	5	5	5	5	4	3	3	3	3	3	3	3	3	4	3	3	3	5
24	3	3	3	3	3	2	2	-	2	1	2	****	****	44	24	12	13	13	13	13	13	14	13	13	10
25	13	13	13	13	13	14	14	14	14	14	13	14	14	13	14	14	15	16	16	24	16	14	17	17	15
26	16	17	17	23	22	22	16	14	14	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	14
27	11	11	11	11	11	11	11	11	11	11	12	11	11	11	11	11	11	11	13	11	11	11	11	11	11
28	11	11	11	12	12	13	14	14	13	36	15	16	16	17	17	17	16	17	16	16	16	16	16	16	16
29	15	17	16	16	16	16	16	17	16	16	15	15	14	13	15	15	15	16	16	16	16	16	16	19	16
30	16	18	19	21	16	15	17	18	18	14	14	14	14	14	15	15	14	14	14	-	15	14	15	16	16
MEAN	17	18	18	19	18	17	19	18	17	17	16	16	15	16	15	14	15	15	16	18	18	16	17	17	16.8

PERCENTAGE OF DATA VALID - 93.9 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	14	14	14	14	14	14	14	****	-	14	****	14	14	14	14	15	16	14
2	19	18	20	17	14	14	15	16	17	****	20	18	17	17	17	17	17	17	23	22	21	23	29	31	19
3	29	29	33	36	36	38	38	32	20	17	17	17	17	17	17	17	17	17	17	18	18	****	****	23	24
4	27	26	21	25	26	30	37	33	25	19	18	17	16	17	17	18	18	19	21	31	28	25	21	20	23
5	18	17	17	17	18	18	17	16	20	16	15	16	15	15	15	15	15	16	16	16	15	15	16	15	16
6	15	15	15	14	15	14	15	14	14	14	14	14	16	15	15	15	15	16	18	17	17	19	19	18	16
7	15	15	15	14	15	15	15	15	15	15	15	14	14	14	14	15	15	15	15	15	15	15	17	17	15
8	16	16	15	15	14	15	14	14	****	****	10	10	8	8	17	11	9	10	9	10	9	12	14	13	12
9	12	11	11	11	11	11	11	11	10	****	15	15	15	15	15	15	15	15	15	15	17	24	30	29	15
10	20	19	20	23	20	19	24	21	19	20	18	17	17	17	17	19	17	18	15	15	15	15	19	19	18
11	16	14	14	14	13	17	22	17	14	14	14	13	13	13	13	13	14	13	13	14	****	18	18	20	15
12	22	16	15	13	16	15	15	15	14	13	13	13	13	13	13	13	13	13	13	14	17	16	16	14	14
13	14	13	14	13	12	13	17	14	13	14	16	12	12	11	11	12	12	13	13	12	12	13	11	11	13
14	10	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	11	12	13	13	15	15	16	-	12
15	20	24	19	16	16	17	15	****	18	17	20	17	16	18	17	17	17	20	17	20	22	26	30	36	20
16	26	26	31	31	58	68	36	25	18	37	17	16	15	16	15	15	16	16	16	16	16	17	17	16	24
17	16	20	20	16	15	15	16	16	17	17	17	16	18	17	17	16	16	16	16	16	16	16	16	16	17
18	17	16	15	15	15	19	24	19	19	16	15	17	16	16	-	16	16	15	15	15	15	15	15	15	16
19	17	16	17	18	17	17	17	16	15	15	14	16	14	14	14	16	16	14	14	14	14	14	14	14	15
20	14	14	14	14	14	14	14	14	15	14	14	14	14	14	15	14	20	16	15	14	14	15	15	14	15
21	17	14	15	16	16	16	15	15	****	14	14	14	14	15	15	14	15	15	17	20	24	18	19	19	16
22	21	22	23	40	40	31	25	21	18	17	16	15	15	16	15	18	16	18	20	18	23	29	24	20	22
23	22	26	32	38	43	52	44	31	20	18	16	16	17	16	17	21	17	17	18	17	17	17	20	21	24
24	26	25	20	19	20	23	21	18	17	16	16	15	15	15	15	15	14	14	15	14	15	19	16	15	17
25	14	15	14	14	14	14	14	14	13	14	14	13	13	13	13	13	13	13	13	13	13	14	14	****	14
26	14	14	18	13	13	14	14	14	14	13	13	****	14	14	13	13	13	15	14	14	14	15	16	18	14
27	20	****	22	18	19	16	18	19	15	14	14	14	14	14	15	15	15	15	15	15	16	17	19	24	17
28	40	29	25	50	37	19	22	15	16	****	20	18	17	****	18	16	16	16	15	16	16	18	18	18	22
29	16	16	16	16	23	16	18	17	18	18	19	20	19	28	18	****	17	16	16	16	16	16	16	16	18
30	17	24	37	25	30	28	35	29	24	21	21	19	20	19	18	17	21	15	17	26	20	14	14	18	22
31	20	18	26	19	19	30	29	26	20	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	17
MEAN	19	18	19	20	21	21	21	18	17	16	16	15	15	15	15	15	15	15	16	16	17	17	18	19	17.3

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	14	13	13	13	13	13	13	13	13	14	13	14	14	14	13	13	14	14	15	13
2	17	30	29	35	23	19	25	23	****	21	15	15	14	14	15	15	14	****	14	13	13	14	13	13	18
3	13	13	13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	15	18	16	12
4	15	13	12	12	12	12	11	11	11	11	11	11	11	****	21	14	14	14	14	15	16	19	19	20	14
5	16	14	18	26	28	27	34	21	18	****	****	14	****	14	14	15	15	14	15	15	15	16	16	15	18
6	15	15	15	15	15	16	17	19	16	17	16	18	17	20	16	15	14	14	15	15	16	15	15	15	16
7	15	17	17	16	15	16	15	18	17	17	17	17	17	19	15	15	16	20	25	29	24	19	14	13	18
8	13	14	14	13	13	13	13	****	18	14	14	14	14	14	14	14	14	14	14	15	16	19	16	15	14
9	14	16	17	31	19	17	16	15	15	14	14	15	15	14	14	15	15	14	14	15	15	****	15	15	16
10	14	14	17	15	14	14	14	15	15	15	14	14	15	14	20	14	15	14	****	17	17	20	18	16	15
11	16	16	17	18	24	22	22	****	****	****	****	****	17	17	16	16	16	17	17	17	18	17	18	16	16
12	20	21	20	21	22	27	30	28	****	****	****	22	20	21	17	17	17	18	18	19	21	-	-	21	21
13	21	-	-	24	33	29	24	25	23	-	-	-	22	22	20	22	19	19	****	****	23	21	20	19	23
14	20	24	28	29	****	****	****	****	****	****	****	37	31	21	21	24	22	22	24	28	23	24	28	39	51	28
15	26	****	34	30	31	31	20	19	19	18	18	17	18	17	19	18	18	18	18	18	18	18	18	19	19	21
16	20	19	20	20	21	20	21	20	19	19	****	19	20	19	****	19	20	19	20	20	23	24	25	29	21
17	24	26	26	23	23	26	31	25	24	23	21	21	21	21	20	21	21	22	24	26	33	37	25	24	25
18	24	25	26	32	24	29	30	26	24	21	21	21	23	20	20	20	20	20	20	21	22	22	21	22	23
19	21	22	21	24	22	22	23	24	24	26	27	23	25	37	20	11	11	11	16	10	9	9	9	9	19
20	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	13	15	20	18	17	11
21	16	16	15	16	13	13	13	13	13	12	12	12	12	11	13	13	15	15	12	14	22	31	36	42	17
22	49	42	43	45	47	53	58	43	24	16	15	14	14	13	15	15	16	14	13	15	16	15	14	13	26
23	15	15	37	42	46	47	50	37	20	17	17	16	13	12	13	13	13	15	14	18	25	23	18	16	23
24	14	16	15	15	17	14	17	17	17	28	33	27	18	15	****	19	-	20	18	17	18	16	24	36	20
25	46	45	22	20	27	48	44	36	21	15	16	15	15	14	16	14	16	18	18	****	28	30	35	31	26
26	26	21	20	25	24	24	21	25	20	16	15	14	13	13	13	13	14	14	17	14	15	16	12	12	17
27	12	13	14	16	15	13	13	12	13	12	12	12	12	12	12	12	12	13	13	13	15	13	14	13	13
28	14	15	14	13	14	13	13	13	13	13	13	13	15	20	15	15	16	13	13	14	15	15	13	16	14
29	17	28	28	22	15	****	****	****	19	29	24	18	17	13	13	12	11	12	11	****	****	13	12	12	17
30	13	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	14	15	16	16	18	18	19	14
MEAN	19	19	20	21	21	22	22	20	17	17	17	16	16	16	16	15	15	16	16	17	18	19	19	20	18.2

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 4.9 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	46	21	16	17	17	23	40	44	21	16	14	14	14	14	15	15	15	15	20	18	19	18	15	15	20
2	14	11	11	11	11	11	11	11	11	12	11	11	****	****	14	14	14	15	16	15	15	16	19	19	13
3	18	19	19	23	25	24	23	19	17	15	15	15	15	15	15	16	16	17	20	25	32	23	41	33	21
4	56	48	43	45	25	26	27	33	21	22	27	****	20	18	17	21	18	16	18	18	17	17	20	24	26
5	24	20	20	19	26	37	26	26	25	16	26	14	13	14	14	14	14	14	14	14	14	13	14	14	19
6	14	13	14	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	15	15	18	19	22	25	15
7	19	20	19	18	18	20	45	43	26	22	18	17	16	16	16	16	17	18	16	17	20	15	17	16	20
8	21	16	14	13	13	15	14	15	14	14	13	13	29	16	16	****	****	17	17	18	20	25	24	24	17
9	25	24	25	24	26	27	25	20	19	19	19	19	21	21	19	19	20	19	19	22	24	27	32	39	23
10	40	35	27	29	27	25	48	37	23	19	22	27	26	26	22	22	22	22	25	26	25	28	34	28	28
11	28	29	31	26	24	39	25	23	23	23	12	15	16	19	22	23	24	24	26	26	26	26	29	27	24
12	25	28	25	23	23	24	22	22	24	22	23	26	26	27	26	25	25	25	24	25	25	27	24	27	25
13	26	27	26	25	25	27	24	21	22	22	22	23	24	27	26	27	27	28	30	32	35	41	53	36	26
14	33	39	30	30	31	43	52	57	45	31	27	29	32	32	36	31	21	18	16	18	20	23	18	15	30
15	18	23	24	29	29	30	27	18	16	13	15	14	14	13	16	18	16	18	16	14	14	22	13	12	18
16	****	****	****	****	****	****	****	****	****	14	14	14	16	15	15	14	16	20	****	33	23	20	20	20	******
17	21	21	22	22	23	23	23	23	23	22	22	23	24	24	23	24	24	24	25	25	26	26	28	29	24
18	30	31	31	32	30	30	31	31	25	25	29	29	27	31	30	27	24	27	27	25	25	26	25	27	28
19	28	28	24	22	22	26	49	33	24	23	23	23	23	24	23	25	23	27	24	25	26	28	29	27	26
20	33	58	35	27	27	29	34	22	23	22	21	22	23	22	23	25	25	30	32	31	40	43	28	23	29
21	21	23	25	27	21	21	27	21	21	20	20	19	20	20	20	20	20	20	21	21	21	22	22	22	21
22	20	21	21	29	25	32	23	20	20	22	19	19	19	19	18	18	18	18	19	19	19	1	1	2	18
23	2	2	2	2	2	2	2	2	2	****	****	****	1	2	1	17	17	17	17	18	19	21	26	30	10
24	30	24	26	45	38	32	28	22	19	21	22	19	19	18	18	18	18	19	20	23	21	24	31	43	25
25	51	26	26	22	36	41	21	19	21	23	19	18	18	18	18	18	19	21	24	26	28	26	24	22	24
26	29	22	21	22	23	23	25	23	21	22	21	21	19	20	20	20	20	20	20	20	24	23	22	21	22
27	21	19	18	18	18	18	18	18	19	20	19	20	21	20	20	19	19	20	20	19	20	21	20	19	19
28	19	19	20	22	22	23	26	22	21	18	18	18	19	19	-	-	18	18	18	19	-	-	-	27	20
29	25	21	21	24	21	19	21	21	20	21	28	22	21	20	21	22	25	20	20	32	42	****	18	17	23
30	15	18	17	16	16	15	15	14	11	****	****	****	****	****	15	16	15	16	18	35	25	25	28	30	19
31	24	20	19	19	18	17	18	17	18	17	16	16	16	16	18	17	18	18	18	19	20	19	19	19	18
MEAN	26	24	22	23	23	25	26	24	20	19	20	19	20	19	19	20	19	20	21	22	23	23	24	24	21.9

PERCENTAGE OF DATA VALID - 96.2 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	22	17	19	18	17	17	17	17	17	21	19	17	18	18	18	17	18	19	20	21	21	22	23	19
2	19	21	19	21	19	22	****	24	34	22	21	20	19	19	19	21	21	16	17	16	17	18	17	18	20
3	19	22	25	22	21	18	19	16	15	15	15	14	14	15	15	15	15	15	18	18	18	17	17	19	17
4	19	18	19	19	19	19	22	17	17	17	16	16	15	15	15	15	15	15	16	17	16	16	17	17	17
5	16	17	17	18	18	18	23	21	23	****	18	18	18	19	19	17	19	24	17	20	18	19	16	16	19
6	16	16	16	16	16	18	23	20	18	16	15	14	15	14	17	20	21	18	21	22	24	30	43	44	21
7	23	33	29	21	26	19	17	25	19	19	22	20	19	21	24	26	26	-	36	31	32	34	35	35	26
8	32	34	34	34	35	33	34	33	29	30	29	32	29	32	30	29	30	30	31	32	35	33	32	31	32
9	****	30	31	30	29	29	29	28	27	27	28	28	29	29	29	30	30	30	31	31	31	31	41	30	30
10	31	29	28	27	27	27	27	26	26	26	27	27	26	27	26	26	26	27	27	27	26	27	27	27	27
11	26	27	26	25	25	27	27	26	26	20	17	17	18	****	16	16	****	17	14	13	12	12	12	12	20
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	14	14	13	13	15	12	
13	15	20	22	23	23	24	19	35	****	22	16	14	15	14	16	17	17	19	18	20	17	17	17	18	19
14	16	15	26	17	15	15	15	16	16	15	14	14	13	13	14	14	15	14	15	17	15	15	14	13	15
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16	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	18	14	15	14	15	14	14	15	14	14
17	15	15	16	15	16	16	15	15	16	17	15	17	17	18	20	19	18	17	18	18	20	19	16	17	17
18	15	16	16	16	16	16	21	29	22	17	16	16	****	14	15	15	14	15	18	20	22	22	19	17	18
19	15	17	18	18	18	17	16	17	16	15	16	18	20	18	17	21	18	18	17	21	21	22	23	24	18
20	27	22	28	27	19	15	22	25	20	39	18	17	20	21	17	16	16	****	****	****	****	****	****	****	22
21	****	****	****	****	****	****	****	****	25	22	21	19	19	18	20	20	21	20	21	22	24	26	19	19	21
22	18	17	16	17	16	16	17	17	16	17	16	17	17	17	17	17	17	17	17	18	17	17	18	18	17
23	19	18	18	17	17	18	17	17	18	17	16	16	16	16	16	16	17	16	17	17	18	18	18	20	17
24	24	22	24	23	20	23	22	18	19	25	33	21	19	19	18	18	18	17	18	21	23	37	27	23	22
25	21	21	29	26	26	29	27	45	29	24	19	18	18	25	19	20	22	22	21	35	27	31	36	29	26
26	36	37	28	38	25	41	38	-	21	20	19	18	17	19	22	20	20	23	22	25	31	29	34	35	27
27	26	29	30	32	34	35	30	30	25	23	****	****	18	17	19	17	18	21	29	27	17	16	18	20	24
28	17	16	16	16	16	16	16	16	16	16	17	17	20	17	18	18	18	22	19	20	18	17	17	17	17
29	17	16	17	16	17	17	17	23	19	19	18	20	17	19	21	20	20	20	21	19	19	22	29	21	19
30	19	21	22	24	22	17	19	21	32	24	23	21	20	17	17	-	*	18	19	19	22	21	25	21	20
31	28	19	21	19	19	19	20	18	18	18	18	18	20	21	19	19	18	18	16	19	32	35	33	31	22
MEAN	20	21	22	21	20	21	21	22	21	20	19	18	18	18	18	19	19	19	20	21	21	22	23	22	20.3

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	34	30	19	26	32	31	19	19	18	19	16	18	15	15	17	16	14	15	16	20	18	19	19	21
2	25	35	27	19	19	20	19	19	18	18	17	17	16	15	15	15	15	16	17	19	23	21	20	27	20
3	21	19	19	19	19	26	23	20	****	18	18	20	18	18	16	15	14	15	16	16	17	18	18	17	18
4	16	16	16	15	16	15	18	18	17	16	15	15	15	14	16	16	17	16	19	-	24	21	15	15	17
5	12	13	13	14	15	13	13	13	13	12	11	12	11	11	11	11	12	12	13	16	17	23	49	24	15
6	18	18	17	16	16	14	15	12	11	11	10	10	10	10	10	11	11	11	12	15	17	21	28	29	15
7	14	14	13	14	15	16	13	12	13	13	11	11	11	12	10	11	11	11	12	13	14	18	14	18	13
8	21	20	19	17	16	21	22	19	15	21	17	15	13	13	12	12	12	15	16	20	18	13	17	27	17
9	28	21	19	23	23	25	34	19	23	23	14	12	12	12	10	10	10	10	10	11	11	11	12	12	16
10	12	12	12	12	12	12	13	13	12	24	13	12	15	16	15	15	15	15	16	17	17	17	17	18	15
11	17	17	17	17	17	18	18	18	17	17	16	15	15	15	15	15	15	16	17	17	16	17	17	16	16
12	17	17	17	16	16	17	18	23	24	19	18	17	17	17	19	19	19	18	20	17	17	16	16	18	18
13	16	16	16	16	16	16	16	16	18	17	17	18	20	18	17	17	18	24	27	25	23	21	31	43	20
14	22	19	18	16	16	16	15	15	15	15	15	15	15	15	15	15	14	14	15	15	15	14	15	15	16
15	15	14	14	15	15	17	23	-	18	16	17	16	16	15	15	15	15	15	16	17	16	17	17	18	16
16	19	18	17	16	17	23	27	27	20	30	19	19	20	21	21	20	21	20	19	18	18	19	20	20	20
17	18	21	27	16	15	15	14	14	14	14	15	15	15	15	15	15	15	16	16	17	17	24	19	17	17
18	17	16	19	23	21	18	20	18	17	17	16	16	17	17	18	18	19	18	19	18	19	19	19	22	18
19	27	34	21	19	17	17	17	16	16	15	15	16	16	15	16	16	16	18	20	19	18	18	18	17	18
20	19	24	32	27	31	32	37	26	18	18	25	27	22	18	18	20	18	18	22	25	22	23	22	20	24
21	20	18	18	21	19	16	16	17	19	23	19	18	16	16	15	15	15	16	16	15	15	15	15	15	17
22	16	16	17	17	21	20	21	23	19	17	17	16	15	16	20	20	19	14	15	19	19	15	15	15	18
23	15	15	15	15	15	15	16	16	15	15	15	15	15	15	15	15	15	15	16	15	15	16	17	17	15
24	16	15	15	15	16	16	20	18	17	39	16	15	15	14	15	15	15	15	18	17	17	17	19	17	17
25	16	16	16	17	16	17	20	20	17	18	16	16	18	17	19	17	17	17	17	15	16	15	13	13	17
26	13	13	13	13	13	13	14	13	13	13	14	14	14	14	14	14	14	14	15	15	16	16	14	14	14
27	14	15	15	15	15	-	17	23	33	23	18	19	18	20	****	****	16	16	17	19	18	18	16	16	18
28	16	16	16	15	15	15	16	15	15	15	14	15	14	14	14	14	15	16	18	18	19	20	17	16	
29	16	16	17	16	15	16	17	16	16	16	17	16	16	16	18	17	19	19	19	19	19	18	16	16	17
30	18	21	29	44	36	41	53	41	44	25	22	23	21	19	18	-	19	20	17	18	17	17	16	19	26
MEAN	18	19	18	18	18	19	21	19	18	19	16	16	16	15	15	15	16	16	17	17	18	18	19	19	17.5

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	58	32	24	29	30	29	26	28	22	21	20	19	19	****	23	23	27	29	23	17	17	17	16	25
2	16	16	16	17	16	18	17	17	17	16	16	16	16	16	16	-	16	17	22	29	29	29	31	27	19
3	18	****	17	19	21	22	27	23	26	22	18	18	17	19	17	16	16	16	16	15	15	15	15	15	18
4	15	15	15	15	16	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	17	17	16	16
5	16	16	16	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	17	19	20	20	19	23	17
6	21	18	20	21	19	18	18	18	18	18	18	18	18	18	19	23	20	-	27	21	23	25	19	24	20
7	24	21	20	19	19	19	21	21	20	18	17	17	17	17	17	17	17	20	28	36	37	32	34	35	23
8	38	41	26	23	26	26	24	19	19	-	-	15	15	****	16	16	17	18	18	15	15	15	15	15	21
9	15	15	15	15	15	16	17	17	16	17	16	16	16	16	16	16	16	16	17	17	19	20	20	18	17
10	18	18	18	21	19	19	20	21	17	17	16	17	17	18	17	18	23	19	19	19	19	20	18	19	19
11	18	18	18	18	19	19	19	19	17	16	17	16	16	15	15	15	16	16	16	16	16	15	16	16	17
12	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	19	19	17	16	16	16
13	16	16	16	16	17	17	17	17	16	16	16	16	16	16	16	16	16	16	17	17	17	19	20	20	17
14	18	18	17	17	18	18	20	23	20	19	32	23	19	20	20	18	18	17	16	16	16	16	16	17	19
15	16	16	16	16	16	16	17	18	17	****	17	17	17	16	17	17	18	28	21	18	18	18	18	17	18
16	17	17	17	17	19	19	20	23	21	21	21	21	20	21	20	24	32	29	33	31	24	24	23	20	22
17	20	20	21	20	19	20	21	20	20	20	22	24	19	18	18	18	20	25	17	22	19	27	22	22	21
18	19	16	20	14	15	15	14	14	15	14	14	14	14	14	14	14	14	14	15	16	17	16	16	15	15
19	15	16	16	17	15	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	14	14	14	15
20	14	14	15	15	15	14	14	15	14	14	13	13	14	14	14	14	14	14	15	15	15	20	21	17	15
21	16	16	16	15	14	15	16	16	15	14	14	14	14	14	14	14	15	15	15	15	14	15	14	15	15
22	15	17	15	18	19	20	17	18	16	****	14	14	14	13	14	14	14	17	15	16	15	15	16	15	16
23	15	15	15	15	15	16	18	17	15	15	15	15	15	15	15	15	15	15	16	17	15	15	16	15	15
24	14	14	16	16	15	16	16	16	-	17	16	16	16	16	17	17	18	16	16	16	17	16	16	16	16
25	17	15	15	17	19	15	15	15	15	15	14	14	14	14	14	13	13	13	13	13	13	13	13	13	14
26	13	13	13	13	13	13	13	13	13	13	13	13	13	****	****	****	****	****	****	****	****	****	16	15	15	13
27	14	14	14	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15	15	16	16	16	16	15	15
28	15	15	15	14	14	13	13	13	14	13	13	15	15	-	15	16	16	17	18	18	18	18	17	18	15
29	17	17	17	17	17	17	18	18	18	17	17	17	17	17	17	17	17	18	18	19	21	22	24	34	19
30	28	19	20	21	22	22	23	24	21	19	17	17	18	21	23	23	20	27	21	20	18	18	17	17	21
31	17	18	18	18	18	18	18	19	18	18	18	18	17	17	17	17	17	17	17	17	17	18	18	17	18
MEAN	18	19	17	17	18	18	18	18	17	17	17	16	16	16	16	17	17	18	19	19	18	19	18	18	17.6

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	18	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	17	17	17	17	17	17	17
2	16	17	17	17	17	17	17	18	17	17	16	16	16	16	16	17	17	17	19	18	19	18	18	19	17
3	17	18	19	19	19	18	19	19	19	20	20	19	19	19	19	19	21	22	24	28	27	29	26	24	21
4	23	24	29	23	15	15	16	16	17	16	17	17	17	17	17	16	16	16	16	16	16	17	17	17	18
5	16	16	16	17	17	17	17	18	18	16	-	-	15	15	15	15	15	17	18	18	18	18	19	19	17
6	18	17	18	17	17	17	16	17	19	19	17	17	17	16	16	16	24	24	25	24	26	19	16	16	19
7	21	22	23	25	26	25	29	33	31	27	20	19	18	21	21	20	15	14	14	14	14	15	15	15	21
8	14	15	15	15	15	15	15	15	16	15	15	15	15	15	16	16	17	17	16	26	16	16	16	16	16
9	16	17	16	18	21	26	18	17	17	16	14	14	14	14	14	14	14	14	15	15	16	15	15	15	16
10	15	15	15	15	15	15	15	15	16	15	15	15	15	15	-	16	16	16	16	16	16	16	15	15	15
11	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	16
12	17	17	17	17	17	17	16	17	18	-	15	15	15	16	16	16	16	15	19	21	22	21	19	19	17
13	18	22	22	23	26	18	21	19	19	19	20	22	22	21	24	29	29	27	23	38	35	21	16	16	23
14	18	17	16	15	15	15	15	15	15	14	14	14	14	14	15	14	15	15	15	15	15	16	15	15	15
15	16	16	16	16	16	16	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
16	16	16	16	16	16	16	16	18	19	18	17	17	16	16	16	16	16	18	19	21	22	20	20	25	18
17	21	18	21	18	18	16	18	21	18	17	-	17	17	17	17	17	17	17	17	17	18	17	17	17	18
18	****	18	18	17	16	15	15	15	15	17	18	17	15	15	16	15	15	16	16	15	15	16	17	17	16
19	17	18	18	18	18	18	18	19	20	20	****	16	15	14	15	15	15	16	20	22	20	23	22	23	18
20	21	22	21	20	26	31	36	35	28	26	27	25	21	19	22	23	21	20	23	21	22	22	23	23	24
21	22	24	16	18	16	16	15	15	15	15	14	14	14	14	14	14	14	14	14	14	15	16	16	16	16
22	17	19	19	18	17	17	18	19	22	28	26	24	21	22	24	23	24	21	23	24	25	27	27	30	22
23	31	26	24	22	22	19	18	19	21	24	25	21	21	24	19	24	21	23	18	18	22	21	17	17	22
24	17	18	19	19	19	18	18	19	19	18	17	15	14	14	14	14	14	14	14	14	14	14	14	14	16
25	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	15	15	17	18	19	17	17	15
26	17	18	17	17	17	18	18	25	23	****	19	17	18	17	17	19	20	23	22	26	28	24	22	19	20
27	-	18	17	17	17	17	17	17	17	17	17	17	17	16	16	17	17	17	17	17	17	16	17	19	17
28	23	19	18	19	18	18	18	20	20	20	18	18	16	16	17	17	17	20	24	17	17	18	18	17	18
29	16	15	15	15	15	16	16	16	16	17	16	15	15	15	15	16	15	15	16	16	16	16	15	16	16
30	16	16	17	16	16	16	16	16	17	16	17	21	19	17	17	17	21	25	27	29	30	27	21	20	20
MEAN	18	18	18	18	18	18	18	19	19	18	18	17	17	17	17	17	17	18	18	20	20	19	18	18	17.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	20	19	20	20	21	21	21	21	19	18	****	19	18	18	19	20	19	19	19	19	19	18	20
2	19	18	18	18	20	18	21	27	20	18	16	16	16	15	15	15	16	16	16	17	17	17	17	17	18
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4	14	14	14	13	13	13	14	15	15	15	14	14	****	****	****	****	15	14	14	14	14	-	14	14	14
5	14	13	13	13	13	13	13	14	13	13	13	14	14	13	13	14	14	14	13	14	14	14	13	13	13
6	13	14	14	14	14	14	15	15	15	16	16	17	19	17	18	18	19	18	17	19	18	19	19	20	17
7	19	19	18	18	19	20	21	26	28	39	28	22	18	17	16	16	16	15	16	16	17	17	17	18	20
8	25	30	33	22	28	23	24	24	26	27	22	21	17	17	17	17	17	16	14	14	14	14	14	13	20
9	13	13	13	13	13	14	14	16	16	18	15	20	17	15	15	14	15	15	15	15	-	-	13	14	15
10	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	****	****	14	14	14	14	14	14	14
11	14	14	14	14	14	14	15	16	15	14	13	13	14	14	15	14	14	14	15	15	-	-	-	15	14
12	15	17	16	16	14	16	16	17	28	17	19	21	17	17	17	16	17	18	16	15	15	15	14	15	17
13	18	25	18	15	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	15	16	15	15	16
14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	14	15	15	14	15	16	17	14
15	18	17	19	23	17	16	17	20	20	18	22	16	19	****	****	17	16	15	****	21	17	17	17	17	18
16	17	17	17	17	19	17	15	15	16	15	14	15	14	13	13	13	13	13	13	13	13	13	13	14	15
17	15	14	14	15	15	15	17	19	20	18	****	20	18	18	17	18	21	20	17	18	****	15	15	15	17
18	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	-	-	-	14
19	14	14	14	14	14	14	14	15	15	15	15	15	-	-	15	15	15	15	16	16	17	17	16	16	15
20	16	15	15	15	15	15	16	15	15	15	15	15	15	15	14	15	16	17	17	16	17	16	17	17	16
21	16	16	16	17	17	17	18	17	17	17	16	15	15	15	15	16	16	17	18	18	17	18	22	21	17
22	20	21	23	22	21	24	23	19	26	19	19	19	19	20	17	18	20	17	18	20	18	18	20	20	20
23	19	21	28	29	30	27	25	27	34	23	23	18	17	17	17	19	24	21	****	29	29	18	17	17	23
24	16	17	17	18	18	17	14	14	14	14	25	16	15	15	15	15	15	15	15	15	15	15	15	15	16
25	16	16	15	16	16	16	17	18	18	18	16	16	15	15	15	15	16	16	18	21	18	18	18	20	17
26	19	25	23	24	22	21	23	21	17	17	17	17	17	17	17	17	18	18	18	18	18	18	24	24	20
27	27	29	22	19	19	22	21	21	22	35	53	21	19	18	18	18	18	19	19	19	20	19	20	19	22
28	20	20	24	36	28	26	26	24	31	32	24	29	25	22	20	25	28	31	27	21	22	25	29	27	26
29	27	26	24	24	23	24	25	25	21	45	21	19	18	18	16	16	16	16	16	16	16	17	16	16	21
30	15	15	16	15	15	16	15	16	16	16	16	16	17	17	17	17	18	18	18	17	18	17	17	17	16
31	16	16	17	17	17	16	16	16	17	16	17	16	17	16	17	16	16	17	17	17	17	18	17	-	17
MEAN	17	18	18	18	18	18	18	18	19	20	19	17	16	16	16	16	17	17	16	17	17	17	17	17	17.3

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19.1	23	36
FEB	24	20.5	27	42
MAR	31	19.6	28	44
APR	28	16.8	35	63
MAY	31	17.3	24	68
JUN	30	18.2	28	58
JUL	30	21.9	30	58
AUG	31	20.3	32	45
SEP	30	17.5	26	53
OCT	31	17.6	25	58
NOV	30	17.9	24	38
DEC	31	17.3	26	53
YEAR	358	18.6	35	68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	18	18	18	18	19	20	20	20	21	21	20	23	21	22	18	19	19	19	20	21	20	20
2	20	19	19	19	19	19	19	19	19	20	19	19	20	21	20	20	23	22	19	19	19	20	21	21	20
3	20	20	21	21	20	19	19	19	19	19	18	19	19	19	19	18	18	19	19	18	18	18	18	18	19
4	19	18	18	18	18	18	19	19	19	19	19	19	21	20	20	19	21	20	19	19	20	21	23	23	20
5	25	22	23	22	24	27	35	43	42	31	22	22	22	22	****	****	24	25	32	21	21	23	20	21	26
6	22	25	24	22	24	22	21	20	****	20	****	21	19	****	****	****	****	24	****	****	****	****	****	19	19	******
7	****	****	****	25	****	****	****	19	****	****	****	****	22	24	24	24	23	23	23	22	20	20	20	20	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	22	18	18	18	18	******
13	19	19	19	19	19	19	19	19	19	19	19	20	19	19	19	18	18	18	17	17	18	18	18	18	19
14	17	17	17	17	18	17	17	17	18	19	****	21	20	20	20	21	21	21	22	19	23	22	23	23	20
15	24	21	21	24	22	22	24	23	23	23	21	21	21	21	21	21	21	21	21	21	21	21	21	24	22
16	26	24	25	27	24	25	22	21	20	20	21	20	22	23	22	21	22	20	20	21	21	21	22	22	22
17	21	21	21	21	21	21	21	22	22	22	22	21	21	21	21	21	21	21	21	21	21	****	****	****	21
18	****	****	****	****	****	****	****	****	****	****	****	****	23	24	24	23	23	22	21	21	21	21	21	20	******
19	20	20	20	20	21	21	21	21	22	22	22	22	23	24	24	23	22	22	22	22	22	22	22	22	22
20	22	22	22	23	24	23	23	25	26	24	24	25	26	27	26	26	26	26	26	27	27	28	25	24	25
21	23	23	23	23	24	24	28	33	25	23	22	****	****	20	20	20	20	21	22	21	20	21	21	20	23
22	20	20	19	19	19	19	19	21	20	20	20	21	22	23	24	21	20	19	19	19	19	19	21	22	20
23	19	22	21	22	21	25	22	22	22	21	22	21	21	22	21	22	20	20	22	21	22	21	21	21	21
24	21	20	20	20	19	19	18	18	18	18	18	18	19	20	20	19	19	19	19	19	20	19	20	19	19
25	19	19	19	20	20	22	22	22	22	21	21	20	20	20	22	23	24	23	24	24	24	23	22	30	22
26	28	26	27	21	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	19	20	20	20
27	20	19	19	19	19	19	21	21	23	19	18	18	18	18	23	21	18	19	18	18	18	19	19	19	19
28	18	21	19	20	20	18	18	19	19	20	20	18	19	19	20	****	19	21	20	19	18	18	19	21	19
29	22	23	18	18	18	20	23	19	21	20	20	19	21	19	20	21	23	23	22	22	21	19	19	19	20
MEAN	21	21	21	21	21	21	21	22	22	21	20	20	21	21	21	21	21	21	21	21	20	21	21	21	20.9

PERCENTAGE OF DATA VALID - 77.9 PERCENTAGE OF DATA INVALID - 22.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	23	24	21	19	19	21	20	19	19	19	20	20	20	19	20	19	22	20	20	21	21	21	20
2	20	20	19	19	21	20	20	19	19	19	18	18	19	19	18	18	18	18	19	19	19	20	21	21	19
3	22	22	22	21	21	21	21	21	21	21	21	22	21	20	19	19	19	19	19	19	19	19	19	19	20
4	19	19	20	19	20	19	19	20	19	19	20	20	21	21	20	19	19	19	19	19	19	20	20	19	20
5	19	19	19	19	19	19	19	22	26	26	22	24	22	24	21	20	19	19	19	19	19	19	19	22	21
6	24	26	30	26	24	25	26	21	19	19	18	20	19	****	19	19	19	19	19	19	19	19	20	19	21
7	20	20	22	21	20	19	19	24	25	25	21	19	20	21	19	19	19	19	19	19	19	18	19	19	20
8	18	19	21	23	22	23	21	23	24	27	31	36	24	28	22	22	22	22	21	23	23	24	23	24	24
9	20	21	22	21	19	22	19	22	22	21	21	21	20	19	19	19	19	19	19	19	18	19	19	19	20
10	18	18	18	19	20	21	20	20	20	21	21	19	19	19	19	20	21	18	18	18	18	18	18	18	19
11	18	18	18	18	18	17	17	17	17	17	17	17	19	18	18	18	18	18	18	18	18	18	18	18	18
12	18	19	18	18	18	18	21	22	21	17	****	18	19	18	18	18	19	19	18	23	24	19	19	19	19
13	18	18	18	18	19	21	21	21	22	21	21	19	19	19	18	18	19	19	19	19	19	19	19	20	19
14	28	20	19	18	18	18	18	18	18	18	18	18	18	18	21	18	18	18	19	19	19	19	18	18	19
15	19	19	19	19	19	38	30	19	23	21	22	21	20	19	19	19	19	18	21	23	18	18	19	18	21
16	19	19	19	20	19	19	19	18	18	18	19	19	20	20	20	20	20	19	20	20	18	18	18	17	19
17	17	17	17	17	17	17	17	17	18	18	18	18	18	19	19	22	23	23	22	18	18	18	18	18	19
18	18	18	18	18	18	18	18	20	21	18	18	19	****	18	18	18	18	18	19	18	19	19	20	21	19
19	25	24	21	20	20	20	19	19	20	20	20	19	19	17	17	17	17	18	18	18	18	18	18	18	19
20	18	18	18	18	18	18	19	19	19	18	19	18	18	18	17	17	17	17	19	17	18	18	18	17	18
21	19	23	40	33	23	22	20	24	28	28	22	18	17	19	17	17	17	17	17	17	17	17	18	17	21
22	18	18	18	18	18	18	20	23	25	20	22	22	21	18	19	18	20	20	19	18	18	18	20	22	20
23	23	19	20	24	23	25	20	18	21	20	18	19	19	18	18	18	18	18	18	21	18	20	18	18	20
24	19	19	18	21	22	21	21	20	20	20	23	21	25	33	29	27	30	24	25	27	24	22	23	21	23
25	21	20	21	22	25	21	22	22	20	19	20	19	19	18	18	18	18	18	19	21	21	24	28	34	21
26	35	35	27	23	28	29	29	34	29	21	24	24	22	21	21	22	21	17	18	18	18	18	22	20	24
27	18	21	24	24	24	24	20	21	20	18	17	18	18	17	17	17	17	17	19	19	20	21	19	22	20
28	21	22	25	33	56	22	29	22	21	19	20	22	27	28	30	30	31	31	32	35	30	35	48	29	29
29	35	35	38	35	31	29	29	29	29	27	25	23	25	23	24	26	25	23	22	28	37	25	38	35	29
30	34	35	33	23	22	42	24	20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	21
31	18	18	18	18	18	18	17	17	17	18	18	18	18	31	33	28	23	29	27	23	23	28	32	25	22
MEAN	21	21	22	22	22	22	21	21	21	20	20	20	20	21	20	20	20	20	20	20	20	20	21	21	20.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	30	23	20	20	19	18	20	19	19	18	20	19	19	****	21	20	20	20	20	21	21	21	21	21
2	21	23	23	23	23	26	26	28	26	24	23	24	23	20	26	26	31	39	32	31	38	39	38	39	28
3	34	19	19	19	18	19	21	19	18	18	18	17	18	18	19	19	17	17	18	31	21	24	31	31	21
4	18	19	19	19	19	20	20	21	21	21	21	19	18	18	17	17	17	17	17	17	17	17	17	18	19
5	18	18	18	18	20	24	25	20	18	19	18	17	18	17	17	17	17	17	18	21	21	22	22	19	19
6	21	25	38	33	34	31	28	26	22	22	19	19	18	18	17	17	16	16	17	17	18	17	18	18	22
7	18	18	18	19	19	19	20	21	20	19	18	17	18	17	17	18	18	18	19	19	18	18	19	18	18
8	19	19	20	20	20	19	19	18	18	18	17	18	18	18	18	17	17	17	17	16	17	17	17	17	18
9	18	18	17	18	17	17	17	18	18	****	19	18	19	18	18	18	18	18	18	19	19	19	18	19	18
10	18	18	18	19	19	19	18	19	19	18	19	19	19	19	19	19	21	21	24	26	25	19	23	25	20
11	24	20	19	19	19	21	22	21	20	20	20	21	20	20	20	20	20	21	21	21	24	22	21	20	21
12	19	18	18	18	19	19	20	20	19	18	19	19	19	19	19	19	19	19	19	19	18	18	18	18	19
13	18	18	18	19	19	22	21	18	19	18	19	19	19	20	22	23	23	18	18	18	19	19	19	19	19
14	19	18	18	18	18	18	18	19	19	18	18	18	20	19	25	27	19	20	21	19	19	19	19	19	19
15	18	19	19	18	18	19	19	19	19	20	20	****	20	19	19	19	20	21	20	22	20	20	20	20	19
16	20	19	19	19	21	22	19	20	20	19	21	20	23	24	25	24	26	21	23	18	18	19	21	20	21
17	20	19	21	21	20	21	20	19	18	18	19	19	19	19	18	18	19	19	20	22	19	20	19	19	19
18	21	21	20	20	21	24	24	32	21	23	24	26	25	27	28	25	23	17	18	18	22	23	24	23	23
19	27	24	25	21	21	21	21	20	21	21	21	23	19	17	17	17	17	17	18	22	18	19	19	22	20
20	35	23	21	21	22	22	22	20	23	30	28	26	40	41	32	32	31	29	29	43	54	21	38	66	31
21	57	39	54	46	41	35	48	49	46	46	28	24	19	18	18	****	20	19	19	21	24	22	22	21	32
22	21	21	21	21	22	23	23	22	24	25	21	20	20	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	22	24	25	24	19	21	19	19	******
24	19	23	28	22	21	19	21	19	18	18	22	22	26	25	25	26	26	27	28	22	24	23	23	24	23
25	22	21	22	24	23	22	24	23	21	20	20	19	20	20	24	34	42	27	23	23	21	23	21	32	24
26	37	37	34	29	26	27	23	23	27	29	27	25	24	23	22	26	25	25	26	24	22	33	28	26	27
27	26	25	25	26	28	30	31	33	33	31	30	29	26	24	26	28	28	29	25	19	26	27	29	28	28
28	27	21	19	19	19	20	20	20	20	19	19	19	20	20	20	21	25	36	28	33	24	34	30	20	23
29	26	23	21	20	20	22	23	23	22	24	29	32	35	25	32	36	39	40	48	39	27	21	22	25	28
30	23	22	22	24	21	20	20	20	23	31	24	30	27	23	23	19	21	19	21	21	22	41	48	32	25
MEAN	24	22	23	22	22	22	22	22	22	22	21	21	22	21	22	22	23	22	22	23	23	23	24	24	22.3

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	25	29	31	30	31	34	25	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
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12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	28	25	29	31	30	31	34	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	29.1

PERCENTAGE OF DATA VALID - 1.1 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 98.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	22.0	25	34
FEB	21	20.9	26	43
MAR	31	20.7	29	56
APR	28	22.3	32	66
MAY	0	29.1	****	34
YEAR	111	21.5	32	66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	2	75	648	9	0	0	0	0	734
FEB	0	188	348	6	0	0	0	0	542
MAR	0	408	300	33	0	0	0	0	741
APR	0	288	338	63	1	0	0	0	690
MAY	0	0	5	3	0	0	0	0	8
YEAR	2	959	1639	114	1	0	0	0	2715

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74.4	9	17.4	18.7	20.1	21.5	25.5	29.0	34.1	38.5	66	21.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	22	23	23	23	25	25	28	34	******
16	34	34	34	32	32	34	33	37	41	20	****	19	20	20	23	26	30	29	22	21	28	36	39	28	29
17	25	26	24	21	20	20	21	25	26	26	25	24	26	21	20	20	21	21	21	20	20	22	24	29	23
18	24	25	25	24	27	22	21	22	21	18	18	17	17	17	17	18	19	18	18	18	18	18	18	21	20
19	20	20	20	19	19	36	34	21	20	19	20	22	18	20	18	17	20	19	19	18	18	22	21	20	21
20	24	27	18	18	18	19	19	19	31	25	25	25	25	22	28	28	29	20	20	22	21	20	21	21	23
21	23	22	22	22	****	****	****	****	****	****	****	****	****	****	****	21	20	20	22	24	32	26	26	26	******
22	28	30	32	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	23	24	24	23	24	37	29	23	23	23	25	******
24	28	30	51	43	47	54	50	50	51	39	32	25	26	26	25	25	26	24	23	24	23	23	23	23	33
25	22	21	21	20	20	26	23	23	19	18	18	18	18	18	18	18	18	18	18	18	19	20	19	24	20
26	21	22	19	19	21	23	22	23	20	19	18	18	20	19	19	19	19	22	21	21	24	26	25	25	21
27	24	24	22	21	21	21	23	23	21	22	26	19	22	20	19	25	26	24	23	19	39	59	54	43	27
28	45	26	41	47	37	32	68	28	35	39	38	40	27	41	45	46	32	34	36	35	34	50	29	24	38
29	25	24	23	23	23	24	23	23	30	31	34	32	31	25	26	31	26	27	25	****	32	30	30	39	28
30	34	31	29	31	29	30	30	30	26	25	21	24	27	28	28	25	24	22	20	27	31	30	29	25	27
31	21	23	23	21	21	22	27	28	22	20	17	18	17	17	17	17	17	17	17	17	17	18	18	18	20
MEAN	27	26	27	26	26	28	30	27	28	25	24	23	23	23	23	24	23	23	23	22	25	28	27	27	25.2

PERCENTAGE OF DATA VALID - 46.4 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 47.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	19	18	17	20	19	20	20	18	19	25	26	21	19	34	37	19	18	18	19	19	24	26	22
2	31	27	29	32	29	32	34	32	29	33	18	18	18	18	18	18	26	34	21	20	41	36	37	25	27
3	22	32	40	32	28	26	24	23	24	17	17	18	18	21	20	20	21	22	21	21	20	22	22	22	23
4	22	22	18	19	20	20	20	20	19	18	20	19	20	20	19	19	19	23	21	19	20	21	22	31	20
5	38	32	27	25	24	23	61	44	33	24	26	24	27	25	24	33	33	29	28	21	20	24	25	37	29
6	24	48	45	27	28	29	27	40	27	27	27	23	26	26	19	16	16	17	24	21	25	24	22	20	28
7	21	19	19	22	32	21	19	24	31	35	26	25	25	25	23	27	33	35	37	37	20	21	17	16	25
8	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	18	18	19	20	17
9	24	25	36	27	22	21	18	17	17	16	16	22	23	19	16	17	18	18	17	17	17	17	19	22	20
10	23	23	19	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	19	20	20	22	18
11	23	25	25	20	21	20	20	19	18	17	17	17	18	18	18	17	17	17	19	20	21	19	20	21	19
12	24	22	22	24	25	28	29	28	24	23	22	18	18	18	18	18	19	19	19	****	39	31	****	****	23
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	19	19	18	18	18	18	18	18	18	18	20	21	22	25	25	******
17	20	20	20	20	40	56	43	30	22	21	20	21	22	21	20	21	24	26	23	25	20	20	21	20	25
18	26	35	28	29	29	41	30	34	24	21	19	19	20	20	21	20	19	20	19	20	24	25	19	18	24
19	19	20	20	20	26	24	31	32	27	23	21	21	22	22	23	19	25	27	18	18	17	17	17	17	22
20	17	17	17	17	17	18	18	18	17	18	18	18	18	18	18	18	18	26	35	23	25	48	51	39	23
21	29	33	27	22	20	20	20	19	19	19	19	18	19	18	18	18	19	20	21	23	24	27	25	24	22
22	23	24	27	25	25	25	25	27	36	24	24	22	27	24	23	23	23	22	23	26	27	27	26	24	25
23	27	26	25	21	37	36	26	27	27	25	25	25	23	23	23	24	28	21	43	39	41	35	38	32	29
24	41	39	39	54	74	34	25	40	33	26	31	33	27	23	22	21	21	26	38	23	24	33	22	28	32
25	28	25	27	30	39	41	37	31	24	23	23	21	21	****	21	20	23	22	22	23	37	24	24	23	26
26	24	22	24	25	27	27	26	26	23	22	22	21	20	19	18	18	18	18	18	22	24	24	21	20	22
27	20	19	22	19	19	19	18	18	17	17	18	19	19	17	16	16	17	19	20	18	17	18	25	25	19
28	20	37	34	19	26	21	21	28	21	23	18	18	23	20	20	20	19	23	23	21	22	25	25	25	23
29	21	23	23	23	20	23	24	25	29	28	26	26	23	18	18	18	18	18	18	18	17	17	17	17	21
30	18	17	17	17	17	17	17	17	18	17	17	17	20	20	19	19	18	18	19	18	19	19	24	25	19
MEAN	24	26	26	24	27	26	26	26	24	22	21	21	21	20	19	20	21	22	23	22	24	24	24	24	23.1

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 11.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	25	25	25	24	24	23	23	23	22	23	25	22	****	25	20	21	21	22	22	22	22	23	24	23
2	24	23	23	24	24	24	24	23	22	22	21	20	21	19	21	20	20	21	21	21	21	22	21	23	22
3	24	23	23	22	25	22	24	26	26	23	23	24	22	22	21	21	21	22	23	22	22	24	24	22	23
4	23	23	23	22	23	22	20	23	22	20	19	19	18	20	18	17	22	17	19	19	21	18	18	18	20
5	18	18	18	19	18	18	19	19	20	21	21	20	19	20	23	18	17	16	15	17	17	17	19	20	19
6	20	19	19	19	19	20	22	24	21	21	19	19	19	19	20	21	22	22	23	23	23	24	24	23	21
7	23	22	23	23	24	25	28	30	25	23	22	21	20	20	19	19	19	19	25	20	20	20	21	21	22
8	20	20	20	20	20	19	20	20	21	20	19	20	22	23	21	19	19	19	21	19	19	21	20	21	20
9	26	23	20	19	20	20	20	20	21	20	19	20	21	21	21	19	19	20	22	22	21	22	23	22	21
10	22	23	23	22	22	21	21	22	22	21	21	19	****	21	21	21	21	22	21	24	23	21	22	22	22
11	19	20	21	20	20	21	21	21	21	19	19	18	19	-	-	-	-	-	-	-	-	-	-	-	******
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
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23												- DATA UNAVAILABLE -													
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26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	22	22	22	21	22	21	22	23	22	21	21	20	20	21	21	20	20	20	21	21	21	21	22	22	21.2

PERCENTAGE OF DATA VALID - 33.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 66.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	23.0	34	48
FEB	28	21.9	27	34
MAR	10	21.2	23	30
YEAR	59	22.2	34	48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	55	464	35	0	0	0	0	554
FEB	0	99	578	1	0	0	0	0	678
MAR	0	58	193	0	0	0	0	0	251
YEAR	0	212	1235	36	0	0	0	0	1483

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
67.9	15	18.6	20.0	21.2	22.5	25.0	27.1	31.9	34.3	48	22.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	****	26	28	27	25	25	26	25	27	27	29	******
10	31	31	31	31	30	30	32	31	31	30	29	29	29	29	30	31	32	31	32	35	32	37	36	36	32
11	34	35	33	33	34	35	35	36	36	34	32	32	****	31	30	31	30	32	32	30	34	34	32	38	33
12	38	31	29	29	30	30	31	31	31	31	31	31	30	31	31	31	27	27	27	28	31	33	35	37	31
13	36	32	32	33	34	36	39	36	30	30	31	29	29	28	27	25	25	26	27	27	28	30	30	32	31
14	33	35	36	34	32	31	29	29	30	29	28	28	****	25	25	26	26	28	27	28	29	32	35	32	30
15	31	34	35	32	29	31	31	28	34	33	34	32	32	31	32	32	34	33	32	33	35	31	28	26	32
16	25	26	28	28	28	29	29	29	28	28	28	27	24	27	26	24	24	24	24	26	28	30	32	39	28
17	36	37	37	39	53	47	49	44	38	35	33	33	31	30	29	34	32	32	35	36	37	38	38	36	37
18	41	43	45	45	40	37	34	35	35	33	31	30	****	****	25	22	21	21	22	25	26	24	25	25	31
19	27	26	29	49	32	32	43	37	34	31	28	26	26	23	21	22	23	26	25	21	24	24	27	33	29
20	35	34	23	29	29	34	35	30	26	28	26	26	27	27	26	25	27	25	25	27	24	25	26	26	28
21	26	27	28	29	29	31	32	30	27	27	27	26	****	24	26	24	24	25	28	31	30	29	29	29	28
22	53	96	65	36	32	34	36	31	28	27	28	26	27	26	29	29	29	31	31	30	32	33	34	34	36
23	33	33	32	32	33	33	33	31	31	31	31	31	****	23	24	24	23	21	19	20	20	23	23	25	27
24	26	27	28	29	28	28	25	25	24	22	21	19	19	18	18	16	16	17	19	20	22	22	21	20	22
25	20	21	24	23	23	23	22	22	23	24	19	22	23	****	40	40	41	41	39	40	43	105	77	55	35
26	45	48	97	64	51	51	49	45	42	41	40	39	37	38	37	37	38	38	39	45	44	47	47	48	46
27	48	51	49	46	45	44	43	42	45	43	39	37	37	37	37	37	38	39	39	38	39	39	41	41	41
28	40	42	40	38	41	41	40	40	40	40	41	42	****	33	32	34	36	36	35	37	40	40	38	39	38
29	41	41	40	41	42	42	44	44	44	45	44	****	****	22	24	24	24	25	26	26	26	27	25	25	34
30	26	26	26	26	26	28	30	33	27	26	26	26	25	25	25	26	26	26	25	27	30	28	30	42	28
MEAN	35	37	37	36	34	35	35	34	33	32	31	30	28	28	28	28	28	29	29	30	31	34	33	34	32.0

PERCENTAGE OF DATA VALID - 70.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 28.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	29	28	26	27	27	27	25	26	26	****	****	****	22	24	25	25	26	30	37	57	34	29	28	29
2	27	27	51	104	90	63	53	45	30	26	24	****	****	24	24	23	27	24	35	22	21	21	21	21	37
3	26	30	47	49	27	24	24	20	19	19	19	20	19	20	20	19	19	19	19	19	19	19	19	19	23
4	19	18	18	18	20	20	19	19	19	18	21	20	20	19	20	21	22	22	24	34	59	44	21	23	23
5	27	23	19	19	19	19	19	20	24	31	23	****	30	29	22	24	24	22	37	38	24	18	18	18	24
6	26	59	36	18	39	23	31	19	18	18	18	17	17	17	18	18	18	18	18	19	19	25	17	18	23
7	26	18	24	27	19	20	25	19	21	22	28	****	31	28	25	25	26	25	23	21	22	29	35	30	25
8	38	40	26	39	48	43	26	19	19	22	21	20	20	21	22	21	21	21	20	19	19	19	21	19	25
9	18	19	19	18	19	19	20	20	19	19	20	22	****	27	25	23	21	21	23	25	40	43	26	43	24
10	39	33	41	55	56	39	28	29	27	26	23	23	23	23	23	24	24	24	24	24	24	24	26	27	30
11	34	38	24	24	24	25	23	23	24	31	35	36	25	23	20	20	20	20	21	22	22	24	25	25	25
12	27	26	26	26	24	25	24	22	22	22	22	22	22	22	22	22	23	23	25	46	41	25	25	24	25
13	25	25	25	29	31	31	26	23	24	25	24	24	25	23	22	22	23	23	23	25	23	23	23	23	25
14	24	24	22	22	22	21	21	21	21	20	20	20	22	21	22	21	21	21	21	34	37	25	25	24	25
15	23	24	23	24	24	24	111	61	28	25	22	24	21	****	23	24	24	24	24	25	27	27	27	27	30
16	27	27	27	29	40	36	45	37	31	30	29	28	27	27	27	27	27	28	28	29	36	32	32	32	31
17	33	32	35	39	38	34	33	30	28	29	29	28	28	28	28	27	27	32	32	27	25	25	25	24	30
18	24	24	24	24	23	23	23	23	24	24	30	40	38	38	38	41	29	24	23	24	26	29	28	31	28
19	30	28	25	26	26	30	46	27	27	27	26	26	26	25	25	28	25	25	25	26	28	27	27	27	27
20	26	27	25	25	25	26	25	24	24	24	24	****	22	24	23	23	23	24	25	26	26	27	29	30	25
21	31	34	35	33	31	30	31	30	30	31	31	31	****	22	23	24	24	24	26	37	39	31	26	20	29
22	18	17	18	23	38	30	26	18	19	17	19	30	27	20	36	38	40	47	52	68	70	58	65	41	35
23	26	21	49	48	26	27	57	40	31	21	26	****	26	26	26	25	25	26	31	33	54	51	31	26	33
24	25	27	26	26	26	27	27	31	27	29	29	37	34	29	27	25	25	27	34	26	58	99	29	25	32
25	23	24	24	23	23	23	23	23	24	23	23	23	23	24	24	23	23	23	22	22	22	22	22	22	23
26	23	23	23	23	23	23	22	22	21	21	21	****	26	28	27	26	26	25	25	26	26	25	64	84	28
27	27	120	77	63	57	25	25	24	24	23	24	24	24	42	27	22	25	23	21	22	30	23	23	25	34
28	26	26	26	24	24	25	24	24	24	23	23	23	23	23	23	23	23	23	24	25	27	29	30	45	25
29	37	28	30	28	30	29	23	24	24	23	23	23	23	23	23	23	23	23	23	23	23	23	24	26	25
30	24	23	23	24	24	27	25	23	23	23	25	24	26	25	24	30	29	23	24	24	24	23	25	25	25
31	22	22	25	27	24	24	26	25	31	25	29	23	29	33	29	19	21	20	19	19	19	19	20	19	24
MEAN	27	30	30	32	31	28	31	26	24	24	24	25	25	25	25	24	24	24	26	28	32	30	28	28	27.2

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	19	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	23	22	22	22	22	23	21
2	24	22	21	21	21	22	23	23	23	24	33	****	25	23	22	22	24	24	24	22	21	22	24	25	23
3	25	25	24	24	24	25	24	24	23	23	29	19	19	20	20	19	19	19	19	19	20	20	20	19	22
4	20	20	21	21	21	21	22	22	21	21	20	20	20	20	20	20	20	21	21	21	22	24	23	22	21
5	22	22	22	22	23	24	26	25	24	23	23	23	22	22	22	22	22	23	23	23	24	27	30	28	24
6	24	23	22	24	22	22	21	22	24	23	22	****	21	21	21	21	21	20	22	23	25	24	22	21	22
7	21	21	20	21	21	21	22	23	24	22	20	20	19	19	20	21	20	20	20	20	****	****	****	****	21
8	- DATA INVALID -																								
9	****	****	****	****	****	****	****	****	****	****	****	****	22	22	23	23	22	22	22	24	23	22	21	22	******
10	23	23	22	23	23	23	22	23	23	23	23	23	****	****	19	19	19	20	21	25	28	25	22	26	23
11	27	25	22	22	24	24	22	21	21	21	21	****	22	21	29	19	19	18	18	19	21	22	24	23	22
12	23	25	23	23	22	30	32	24	23	22	22	22	22	22	22	22	22	22	22	22	22	22	29	26	24
13	30	41	46	39	40	44	35	36	30	31	28	****	24	25	25	23	23	33	34	34	30	30	45	34	33
14	34	44	52	66	32	30	28	28	28	29	29	28	24	22	22	32	28	29	29	31	33	31	42	32	33
15	31	55	56	51	44	34	22	22	22	22	21	21	20	20	18	18	19	18	19	19	19	19	19	22	26
16	21	21	21	21	21	21	21	21	21	22	21	21	****	19	19	20	21	21	22	22	24	24	23	24	21
17	25	26	30	35	39	34	39	31	24	24	24	23	21	21	22	22	23	22	22	22	28	39	36	36	28
18	26	24	28	32	31	34	34	35	32	26	27	29	29	29	24	25	24	24	24	24	24	26	25	23	27
19	23	24	23	23	23	24	25	25	23	23	23	23	22	22	22	22	22	22	24	27	23	22	23	25	23
20	23	28	24	18	18	18	18	19	18	18	18	18	****	18	18	19	20	20	20	20	23	23	23	22	20
21	22	22	22	23	22	25	23	21	21	21	20	20	21	21	22	23	24	23	21	33	25	42	76	54	27
22	63	60	38	47	45	35	48	28	27	25	24	23	22	22	22	22	23	23	23	23	26	40	47	46	33
23	53	50	41	37	34	30	28	27	26	30	26	****	22	21	21	23	27	25	23	24	57	83	87	33	36
24	28	29	52	64	29	28	102	53	26	25	25	26	27	25	25	24	24	25	25	25	60	42	51	38	37
25	24	42	54	55	53	45	60	29	25	24	22	22	23	23	23	24	25	25	25	29	44	38	46	43	34
26	67	60	44	58	40	30	35	33	33	30	28	27	29	31	32	39	42	44	44	38	33	28	29	38	38
27	47	47	21	21	21	21	21	20	24	21	21	21	18	20	20	20	20	22	22	22	22	22	23	23	23
28	22	22	22	22	22	22	21	21	20	20	19	21	21	20	19	19	20	20	20	20	20	19	17	19	20
29	21	20	20	21	20	20	20	19	19	19	19	19	18	19	19	19	19	20	19	19	20	29	24	18	20
30	19	19	19	23	19	19	18	20	19	18	17	****	19	19	17	18	35	35	28	21	20	20	28	58	23
MEAN	29	31	30	31	28	26	30	26	24	23	23	22	22	22	22	22	23	24	23	24	27	29	32	29	25.9

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	65	45	53	49	61	42	33	27	26	28	24	21	22	21	22	25	28	27	29	21	22	21	22	22	32
2	21	33	29	28	30	22	22	21	21	19	19	****	20	20	20	22	22	24	22	20	20	20	20	22	22
3	21	22	21	21	21	21	20	20	20	20	19	19	18	19	19	20	20	21	21	22	21	28	32	23	21
4	27	34	41	42	36	33	29	23	22	20	20	****	21	21	21	21	20	21	22	23	25	26	35	37	27
5	32	29	34	35	28	27	25	21	23	25	25	31	28	25	21	19	20	21	22	22	21	20	19	19	25
6	18	18	19	19	20	20	20	19	18	18	18	18	19	19	19	20	20	21	22	23	23	24	23	22	20
7	35	36	22	21	21	32	51	37	32	25	22	****	16	18	20	27	26	25	27	24	19	24	17	19	26
8	21	26	17	19	17	16	17	24	21	16	14	14	14	15	19	21	25	28	28	29	28	26	22	19	21
9	20	26	45	31	40	36	18	17	17	17	18	17	16	16	18	22	18	16	15	19	19	21	20	18	22
10	32	24	21	20	20	20	21	28	23	22	21	21	****	19	20	22	25	26	29	40	39	41	33	31	26
11	27	26	25	25	28	22	19	28	22	21	19	19	23	23	25	28	31	32	34	34	31	27	22	17	25
12	16	16	16	15	15	15	15	15	14	14	14	15	16	16	19	18	20	17	****	18	18	18	18	17	16
13	21	18	17	17	16	16	16	16	16	16	16	16	16	16	16	17	18	20	20	25	27	24	21	18	19
14	17	17	17	17	19	26	30	22	19	18	19	20	21	21	22	24	27	29	32	30	26	23	23	23	23
15	20	26	20	27	27	26	26	28	20	20	19	19	22	27	20	28	27	24	22	16	24	20	20	18	23
16	18	29	38	44	34	28	20	20	16	18	21	****	21	21	21	21	21	21	21	22	24	26	28	28	24
17	39	36	34	33	37	46	39	26	21	19	18	19	19	18	18	17	17	17	19	19	20	22	24	24	25
18	25	24	24	24	24	26	28	28	25	23	22	23	22	23	23	23	23	23	23	24	25	7	7	24	23
19	29	67	66	43	31	32	29	27	27	27	29	27	28	28	31	31	39	40	41	24	40	****	****	****	35
20													- DATA INVALID -												
21	****	****	****	****	****	****	****	****	****	****	****	****	****	28	26	25	23	21	21	21	26	36	35	22	******
22	21	23	27	39	31	38	38	32	32	31	28	30	****	26	23	22	31	44	33	29	32	40	43	38	32
23	24	30	22	19	20	22	22	21	20	20	19	19	19	19	19	19	20	20	20	20	22	24	25	23	21
24	21	21	20	25	26	34	52	32	25	22	22	21	22	22	22	22	21	21	21	23	32	32	30	31	26
25	27	28	44	31	27	60	38	32	28	28	26	26	****	24	25	26	27	28	29	29	32	31	38	30	31
26	35	39	40	30	52	36	37	39	27	27	24	26	25	26	25	25	25	26	27	27	27	28	31	33	31
27	33	30	31	33	27	28	31	29	27	24	24	24	23	23	23	24	23	23	24	24	25	25	24	24	26
28	24	24	25	26	28	25	25	25	24	24	23	22	19	19	19	19	20	21	21	20	21	33	27	25	23
29	20	24	44	20	20	20	21	20	19	19	19	20	20	23	21	19	19	20	29	23	22	22	22	38	23
30	22	20	19	19	32	32	21	21	20	20	19	19	20	21	21	20	20	20	20	29	25	21	20	20	22
31	21	25	21	23	39	29	23	22	21	20	19	19	18	18	18	18	18	18	18	17	****	21	21	20	21
MEAN	26	28	29	27	29	29	27	25	22	21	21	21	20	21	21	22	23	24	25	24	25	25	25	24	24.4

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	23	21	21	21	22	22	23	22	22	****	19	19	20	20	21	23	20	24	30	25	30	39	35	24
2	32	26	24	26	30	38	27	20	21	16	18	18	18	18	22	23	22	21	21	27	19	48	32	54	26
3	28	28	18	15	15	15	18	18	15	16	16	16	15	15	15	15	16	15	14	14	15	15	16	16	17
4	17	17	76	31	17	17	16	20	19	17	20	17	17	17	17	17	17	17	17	17	17	17	17	17	20
5	17	17	17	18	19	21	21	20	21	22	21	****	19	19	20	23	24	26	28	21	20	18	18	19	20
6	50	22	21	19	28	26	28	26	27	24	22	24	23	23	22	20	20	22	25	20	42	49	32	49	28
7	24	40	46	25	18	42	29	27	27	25	24	****	19	23	29	29	25	25	23	22	37	41	67	65	32
8	100	79	42	24	71	27	28	22	20	21	18	18	17	19	20	22	17	21	23	21	28	24	21	18	30
9	16	15	15	15	15	15	15	15	15	15	15	15	16	16	15	15	16	16	16	16	16	16	16	16	15
10	17	16	17	17	17	17	17	17	16	16	16	16	15	15	15	15	15	15	16	16	16	18	18	17	16
11	18	19	20	22	20	19	19	20	18	16	17	****	16	16	16	16	16	16	16	16	16	16	16	17	17
12	19	18	31	30	19	27	32	23	20	22	22	19	20	18	18	17	17	17	18	18	17	17	17	24	21
13	34	29	16	16	17	17	18	17	17	17	****	18	17	17	17	17	17	16	16	19	21	27	52	15	20
14	19	20	18	17	18	19	21	30	23	23	25	26	25	23	22	21	38	35	22	71	120	128	29	17	34
15	18	18	17	17	27	30	37	21	17	17	****	****	17	17	17	17	17	17	17	18	17	18	17	18	19
16	23	18	26	16	15	16	16	16	16	16	16	16	16	16	16	17	17	16	17	18	18	18	18	18	17
17	17	35	42	18	18	20	19	20	19	18	17	17	17	17	17	17	17	17	17	17	17	17	17	18	19
18	18	18	18	18	18	18	19	19	18	18	18	****	19	19	19	20	20	21	22	24	24	27	23	25	20
19	25	19	41	60	22	60	26	21	19	19	18	19	18	18	18	18	18	19	19	34	28	25	98	19	28
20	19	19	18	18	18	19	22	21	18	18	18	****	17	15	14	15	15	15	15	15	15	15	15	15	17
21	15	16	16	16	16	16	16	15	15	15	16	16	15	15	14	14	14	14	14	14	15	16	17	17	15
22	17	16	16	16	16	16	17	17	17	17	****	18	17	17	17	17	17	17	17	18	18	19	18	19	17
23	19	19	18	17	17	18	18	18	18	18	19	18	19	19	19	19	19	20	21	28	22	21	19	19	19
24	17	17	71	22	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	37	25	20	25	25	22
25	19	25	17	19	19	56	26	23	22	23	21	****	16	15	15	15	15	16	16	25	21	30	36	31	23
26	18	34	26	35	35	41	35	30	21	25	21	22	20	22	21	21	21	19	24	26	26	29	23	26	26
27	30	27	27	27	31	29	29	21	20	23	20	22	23	25	26	25	25	26	26	25	28	26	19	18	25
28	17	17	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
29	17	16	16	16	16	16	16	16	****	17	17	17	17	17	17	17	18	18	18	19	19	19	19	17	
30	23	22	22	23	23	24	27	24	25	33	31	30	25	24	25	27	20	21	22	22	23	28	29	35	25
31	26	26	25	28	27	28	26	29	26	24	24	23	25	24	25	27	24	25	26	25	23	21	21	21	25
MEAN	24	24	26	22	22	25	22	21	20	20	19	19	18	18	19	19	19	19	20	23	25	27	26	24	21.7

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	25	24	27	28	30	28	27	27	27	24	23	22	23	26	29	28	31	25	31	24	33	23	27
2	26	20	25	23	26	22	22	22	23	21	****	****	21	20	19	26	23	23	24	22	20	24	22	22	23
3	19	23	19	19	19	21	19	19	19	19	19	19	18	18	18	18	18	18	18	20	23	31	23	23	20
4	21	21	21	20	21	22	28	24	18	18	18	19	18	18	18	18	19	19	18	18	19	25	28	26	21
5	25	32	30	41	34	38	33	25	20	21	23	****	23	20	21	20	21	23	28	57	26	79	41	35	31
6	45	27	29	29	30	44	35	29	18	16	16	17	15	15	14	14	14	15	15	15	15	22	20	48	23
7	36	17	15	15	24	18	23	24	20	16	15	15	15	15	15	15	15	15	16	19	25	16	16	16	18
8	15	15	15	15	15	15	17	20	19	19	18	18	18	****	17	16	16	16	16	17	17	17	18	26	17
9	22	20	22	20	20	19	35	25	26	27	26	21	20	21	22	23	24	22	15	16	16	17	17	17	21
10	17	17	17	17	18	17	17	17	18	19	19	17	15	15	****	17	17	18	23	23	29	29	32	23	20
11	22	26	23	26	22	31	30	29	26	25	24	24	22	21	19	19	23	22	24	22	26	28	32	28	25
12	30	20	20	47	36	23	24	22	23	23	22	22	21	21	****	19	19	19	18	19	21	21	22	19	23
13	18	18	18	17	18	18	18	18	19	19	20	19	18	18	17	19	20	21	20	19	20	22	21	20	19
14	16	17	18	18	22	23	22	23	26	32	20	19	17	17	17	17	17	17	17	17	17	17	17	17	19
15	17	17	17	17	17	17	17	17	17	18	18	18	16	17	****	13	13	14	****	16	18	21	19	20	17
16	21	20	21	18	18	19	23	25	27	21	20	17	15	15	15	16	16	14	16	16	16	16	16	15	18
17	15	15	15	15	14	15	15	15	15	15	16	14	14	13	13	14	14	14	14	14	14	15	15	15	15
18	15	16	16	17	16	16	17	17	18	17	17	17	16	15	14	14	14	14	15	15	15	18	19	21	16
19	20	20	24	21	25	21	20	19	20	17	17	17	****	****	17	17	17	18	18	18	20	24	23	21	20
20	21	22	22	22	20	21	22	24	26	24	26	26	26	25	23	21	23	24	33	21	19	21	19	21	23
21	16	16	16	16	17	17	16	16	16	16	16	16	16	16	16	16	17	18	23	24	23	23	16	18	18
22	18	20	19	23	32	25	26	28	32	28	29	****	19	****	23	26	19	20	25	16	19	16	17	27	23
23	27	22	18	18	19	20	19	24	26	21	21	19	19	19	19	19	19	19	19	19	20	20	20	20	20
24	18	18	18	19	19	19	20	21	22	24	21	19	19	19	18	18	18	18	18	18	18	18	18	18	19
25	16	16	16	16	17	18	20	21	21	21	22	21	20	21	19	19	18	19	19	19	20	18	16	17	19
26	18	17	21	18	24	22	20	21	22	23	22	19	18	19	19	18	18	19	19	****	18	18	18	19	20
27	20	29	23	24	30	26	29	24	23	21	23	45	47	36	24	24	26	23	22	22	20	20	20	20	26
28	24	31	24	27	23	18	17	17	17	17	17	17	16	16	16	16	17	19	17	17	17	17	17	18	19
29	17	17	18	19	20	18	21	21	22	23	21	17	17	****	****	17	17	17	18	20	21	27	29	30	20
30	24	26	24	25	23	24	24	24	65	45	36	37	25	25	24	24	21	20	20	21	22	31	31	33	33
MEAN	22	21	20	22	22	22	23	22	23	22	21	20	20	19	18	19	19	19	20	20	20	23	22	23	20.9

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	26	27	36	26	21	21	21	22	20	****	****	****	16	17	14	14	15	16	16	15	16	16	16	20
2	17	16	13	13	14	14	25	23	24	25	22	24	****	17	17	19	18	17	19	19	16	18	18	19	19
3	19	19	18	17	18	20	21	22	16	19	18	18	17	17	****	19	18	26	20	20	19	19	19	21	19
4	18	20	26	22	22	23	20	24	20	21	23	23	21	27	26	23	22	21	20	20	19	19	20	22	22
5	22	19	24	21	24	18	24	26	23	33	25	21	18	18	17	18	18	18	17	17	18	18	20	19	21
6	18	19	22	24	22	21	17	16	23	27	23	19	18	16	****	18	19	19	21	21	18	20	16	22	20
7	24	19	20	22	21	19	21	21	20	20	20	19	19	18	18	17	18	17	18	18	21	22	21	25	20
8	33	37	31	28	21	27	20	28	28	21	19	19	27	23	20	20	17	17	18	27	18	16	15	15	23
9	15	15	15	15	16	15	16	17	18	18	18	17	16	17	17	16	17	17	17	17	18	19	18	17	17
10	16	18	18	18	17	18	19	19	22	23	22	21	16	****	17	17	17	17	17	17	18	19	20	20	19
11	19	19	22	19	19	17	26	35	26	21	23	22	20	20	18	19	18	20	18	17	18	21	22	23	21
12	21	20	17	19	17	17	16	18	16	16	16	16	16	16	18	16	16	16	16	16	17	17	17	15	17
13	16	16	17	17	20	19	17	15	15	17	16	16	16	16	18	17	17	17	18	17	17	16	16	21	17
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15	18	20	19	22	22	19	18	18	18	18	18	18	19	19	19	19	19	19	20	20	20	20	20	20	19
16	22	24	25	25	26	25	25	24	24	26	****	18	17	16	16	17	16	16	18	19	20	19	19	18	21
17	21	19	20	19	18	17	18	21	20	18	19	18	17	18	18	19	18	17	17	17	17	17	16	25	19
18	37	24	19	21	18	21	20	19	17	22	19	19	20	21	21	20	21	19	19	20	17	16	24	21	21
19	18	18	17	17	22	20	21	18	18	18	18	18	18	19	17	16	18	17	23	21	21	22	19	19	19
20	17	16	31	28	21	15	16	19	15	****	20	20	20	21	24	26	27	25	30	23	23	23	23	23	22
21	19	19	17	18	18	20	22	23	20	21	19	****	18	17	17	17	17	18	27	28	36	15	17	26	20
22	24	21	23	20	21	19	20	19	19	18	17	19	20	15	15	15	15	16	16	16	16	16	16	15	18
23	16	16	16	16	16	17	18	21	21	16	16	15	15	15	16	16	17	17	16	16	16	16	15	15	16
24	15	15	14	14	14	14	15	15	15	15	15	16	20	21	21	21	21	21	22	22	22	22	21	21	18
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26	13	13	17	18	16	15	18	20	18	17	14	15	17	16	14	13	15	18	21	17	19	26	28	30	18
27	29	29	31	30	30	26	26	26	27	26	27	28	20	17	20	21	23	41	23	24	24	21	21	21	25
28	22	22	21	20	20	19	19	22	21	17	15	12	12	13	13	13	14	15	16	30	31	27	23	23	19
29	24	25	26	24	22	27	27	27	39	21	17	16	16	17	20	20	26	23	22	18	17	18	18	19	22
30	21	23	21	21	21	24	21	26	24	22	23	24	21	22	23	22	24	26	27	27	22	24	28	27	24
31	25	24	23	24	22	22	21	22	21	20	20	22	27	25	25	26	23	31	38	35	24	41	30	22	26
MEAN	21	20	21	21	20	20	20	21	21	21	21	19	18	18	19	19	19	20	20	20	20	20	20	20	20.0

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	31	26	26	26	24	26	28	25	23	22	22	23	23	24	23	24	24	24	25	26	26	31	33	26
2	32	26	29	31	26	25	25	29	31	28	27	26	26	26	26	27	27	28	31	31	32	33	29	28	28
3	29	28	29	30	30	28	28	34	31	28	29	28	27	27	28	28	27	28	29	29	29	28	29	30	29
4	30	26	26	26	27	27	28	29	33	34	34	35	37	38	34	32	25	31	31	27	24	28	28	27	30
5	27	29	26	33	31	26	23	29	24	22	22	20	****	20	21	22	23	25	22	27	36	36	35	31	27
6	31	29	29	29	29	30	31	33	31	36	37	41	30	28	27	28	29	28	28	28	26	22	22	22	29
7	23	25	27	26	28	27	28	28	27	26	25	24	21	23	24	25	27	25	29	23	21	20	20	19	25
8	19	19	20	20	21	22	23	23	25	25	25	24	25	25	25	25	24	25	25	25	24	24	24	26	23
9	26	26	26	26	26	25	26	26	26	30	34	30	28	26	26	26	28	28	31	30	32	29	28	25	28
10	23	23	23	23	23	22	24	27	28	26	24	23	****	****	****	****	****	****	****	****	****	****	****	****	******
11	- DATA INVALID -																								
12	****	****	****	****	****	****	****	****	****	****	****	****	22	21	22	23	32	37	24	22	23	27	26	25	******
13	26	26	24	22	28	66	99	139	131	33	30	28	24	25	25	26	26	27	29	32	31	29	24	24	41
14	24	25	26	33	31	27	30	26	26	23	22	21	22	21	23	24	23	24	24	24	24	23	23	23	25
15	22	22	23	23	22	24	23	26	27	23	25	24	26	26	24	24	23	23	23	23	23	23	23	24	24
16	23	24	24	25	26	25	26	26	34	29	27	25	26	26	26	27	27	27	30	30	30	33	29	31	27
17	29	29	28	29	29	29	31	33	32	26	26	25	25	25	25	25	25	25	25	25	26	27	29	30	27
18	27	28	27	26	24	24	25	25	26	26	25	24	24	25	25	24	25	25	26	25	25	26	26	26	25
19	26	26	27	30	36	33	31	30	31	29	32	31	29	****	29	34	32	30	29	30	31	28	29	31	30
20	30	29	28	29	34	41	32	32	31	36	31	29	27	28	30	29	28	28	27	27	29	28	27	27	30
21	27	27	27	28	27	27	27	28	30	29	32	****	33	34	29	26	26	24	25	24	24	24	25	26	27
22	26	27	25	31	27	25	25	27	27	27	29	28	25	26	24	27	26	26	26	27	26	26	27	26	27
23	28	26	29	31	30	32	36	29	28	26	25	24	24	26	26	26	27	27	26	26	28	27	34	28	28
24	26	27	46	27	26	26	27	29	25	26	25	26	****	21	19	19	21	22	19	17	17	17	17	17	24
25	17	16	16	15	15	16	17	17	17	17	18	17	16	15	14	15	18	18	18	18	19	19	19	20	17
26	93	184	44	34	32	24	22	25	29	27	26	20	21	16	15	15	14	35	30	28	19	15	15	15	33
27	18	18	21	16	13	13	12	11	10	10	9	9	11	12	9	9	10	10	10	11	11	11	11	12	12
28	12	12	12	12	13	13	13	14	14	14	14	16	22	22	21	28	23	18	18	18	17	16	17	20	17
29	23	19	18	22	22	21	20	20	21	22	25	25	25	19	19	18	19	23	23	24	23	27	30	29	22
30	28	26	26	29	29	27	25	27	26	26	24	25	26	24	20	20	20	20	20	20	21	22	22	24	24
MEAN	28	30	26	26	26	27	28	30	30	26	26	25	25	24	24	24	24	25	25	25	25	25	25	25	26.0

PERCENTAGE OF DATA VALID - 92.8 PERCENTAGE OF DATA INVALID - 7.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	26	31	30	30	31	34	56	38	36	29	25	****	24	25	26	26	33	38	33	28	31	27	26	31
2	26	26	25	71	193	106	24	26	26	27	26	26	26	26	25	26	32	28	24	25	24	20	21	23	38
3	25	24	25	26	28	26	28	32	36	36	35	33	32	****	25	25	26	26	27	27	28	27	28	27	28
4	27	28	29	29	29	29	30	30	29	30	32	31	27	26	26	25	25	28	29	29	29	30	30	31	29
5	30	31	31	31	30	30	31	33	33	34	34	25	24	25	25	25	27	27	30	32	31	32	33	35	30
6	37	36	36	36	35	33	34	34	35	35	28	25	25	25	26	26	25	25	25	26	27	27	27	28	30
7	27	28	28	26	26	26	31	32	31	32	33	31	31	31	31	30	33	32	33	36	36	38	39	52	32
8	33	34	36	31	28	28	30	33	31	30	34	32	31	35	37	27	27	27	26	25	24	24	24	28	30
9	24	24	25	32	44	33	52	34	33	32	25	23	23	****	****	****	****	****	****	****	****	****	****	****	******
10	- DATA INVALID -																								
11	- DATA INVALID -																								
12	****	****	****	****	****	****	****	****	****	****	****	28	25	26	25	26	32	32	30	31	30	29	29	29	******
13	31	29	26	27	31	27	26	25	25	26	26	25	26	25	26	26	26	30	32	30	30	30	30	32	28
14	34	32	32	35	32	33	31	33	27	24	23	23	23	23	24	25	28	32	32	32	32	31	31	32	29
15	31	32	31	29	28	30	33	31	33	29	34	32	27	26	25	24	29	30	35	38	38	34	33	34	31
16	34	32	31	30	30	29	29	29	30	30	30	29	28	28	28	31	33	32	32	30	30	31	32	32	30
17	30	30	30	30	31	30	30	30	31	31	30	31	32	31	29	30	31	30	30	30	31	31	29	29	30
18	30	35	34	32	32	31	31	32	53	60	36	28	28	29	30	29	30	31	32	32	33	35	32	28	33
19	29	30	32	30	26	25	28	28	27	28	28	28	29	29	29	29	29	30	33	34	33	34	36	34	30
20	34	34	34	33	33	32	32	34	33	32	32	30	30	29	29	29	29	30	33	31	33	34	36	35	32
21	37	34	35	36	38	38	36	36	36	34	33	30	30	29	29	29	30	32	34	32	31	34	34	36	33
22	35	38	37	39	36	35	34	32	38	41	33	30	30	30	29	28	28	28	28	27	27	28	35	37	33
23	42	39	38	33	32	33	32	34	39	38	41	40	36	36	37	37	36	37	37	36	39	39	37	39	37
24	36	39	42	39	38	38	34	40	40	32	27	26	26	27	27	27	28	29	30	30	32	33	33	33	33
25	32	32	33	32	33	34	34	32	33	34	35	31	33	34	35	35	36	36	36	37	38	36	38	37	34
26	34	33	32	32	33	33	34	34	38	35	33	33	33	33	34	34	33	36	36	35	38	37	34	40	35
27	39	36	42	41	46	36	34	34	35	36	35	34	32	31	33	34	34	35	37	39	38	36	36	36	36
28	35	35	36	36	36	34	34	35	40	35	33	35	36	33	31	31	32	31	31	30	30	32	34	36	34
29	34	30	30	28	29	29	29	43	49	31	30	28	28	28	29	29	29	29	29	28	28	28	28	27	30
30	26	24	24	25	27	27	28	29	31	30	29	29	30	29	28	28	28	29	28	28	29	29	29	30	28
31	30	30	30	30	30	30	30	30	27	26	26	25	25	25	25	25	25	25	24	24	24	24	24	25	27
MEAN	32	31	32	33	38	34	32	33	34	33	31	29	29	29	29	29	30	30	31	31	31	31	31	32	31.5

PERCENTAGE OF DATA VALID - 90.3 PERCENTAGE OF DATA INVALID - 9.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	21	32.0	46	105
MAY	31	27.2	37	120
JUN	28	25.9	38	102
JUL	29	24.4	35	67
AUG	31	21.7	34	128
SEP	30	20.9	31	79
OCT	31	20.0	26	61
NOV	27	26.0	41	184
DEC	27	31.5	38	193
YEAR	255	25.2	46	193

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR	0	10	234	254	3	3	0	0	504
MAY	0	77	527	113	10	4	0	0	731
JUN	0	75	486	101	7	1	0	0	670
JUL	2	154	427	108	4	0	0	0	695
AUG	0	427	249	45	7	4	0	0	732
SEP	0	363	303	37	2	0	0	0	705
OCT	0	394	321	18	1	0	0	0	734
NOV	9	80	492	81	1	4	1	0	668
DEC	0	0	326	343	1	1	1	0	672
YEAR	11	1580	3365	1100	36	17	2	0	6111

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
92.6	7	16.3	19.7	23.0	26.9	33.9	38.7	47.8	59.2	193	25.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	14	14	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	15	14	15	15	15
2	15	15	14	14	16	16	16	16	18	17	17	16	16	15	14	13	16	16	15	15	12	13	12	12	15
3	15	15	15	16	15	14	13	13	14	15	15	16	14	14	-	-	14	14	14	14	14	14	14	14	14
4	15	16	16	16	16	16	14	13	13	13	12	12	14	14	14	14	14	14	13	14	14	14	13	13	14
5	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	14	14	14	14	14	14	14
6	13	12	14	13	14	15	14	14	14	14	14	14	14	13	13	14	14	14	14	14	15	16	16	15	14
7	16	14	15	16	15	14	14	14	14	14	14	14	14	14	13	13	13	14	13	14	14	13	13	14	14
8	14	14	14	14	14	14	14	14	14	14	14	14	13	-	14	14	14	13	13	13	13	13	14	14	14
9	14	14	13	12	14	14	14	14	13	13	13	13	14	13	12	13	13	13	13	13	14	14	13	13	13
10	14	14	15	15	15	14	14	14	13	13	13	14	14	-	-	13	13	13	13	14	14	14	13	14	14
11	14	14	13	13	14	13	13	13	12	13	14	13	14	13	13	13	13	12	13	13	13	13	13	13	13
12	14	13	13	12	12	12	12	11	12	11	11	12	13	12	12	12	12	12	12	12	13	13	12	14	12
13	12	12	12	12	11	12	12	13	12	12	12	13	14	14	13	13	13	14	14	14	14	13	14	14	13
14	14	13	13	14	14	14	14	14	14	14	14	14	14	-	12	13	13	13	13	13	13	13	13	13	13
15	14	12	12	12	12	13	13	13	14	14	14	13	14	****	****	****	****	****	14	14	14	14	12	12	12
16	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	14	14
17	14	14	13	13	13	13	****	****	****	****	****	****	-	****	-	15	15	14	14	13	13	12	13	12	******
18	14	13	13	13	13	12	12	14	14	13	13	13	13	13	13	13	14	14	14	13	13	13	14	14	13
19	13	12	12	13	13	13	14	14	13	13	13	14	13	13	12	12	13	13	13	13	13	13	13	13	13
20	14	13	13	12	12	12	12	12	12	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13
21	13	13	12	12	12	12	12	12	12	12	13	13	13	13	13	12	12	12	12	13	12	12	12	12	12
22	13	13	13	12	13	12	12	12	12	13	13	13	13	13	12	13	-	-	14	14	14	14	14	14	13
23	14	14	14	14	14	14	14	14	14	14	14	14	13	14	13	13	13	13	13	13	13	13	13	13	14
24	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13	14	14	14	14	14	14	14	14	14	13
25	14	14	15	15	15	15	15	14	14	14	14	-	14	14	15	15	15	15	15	14	14	14	14	13	14
26	13	13	13	14	13	13	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
27												- DATA INVALID -														
28												- DATA INVALID -														
29	****	****	****	****	****	****	****	****	****	****	12	12	13	-	14	14	14	14	13	13	13	13	13	14	******
30	14	14	14	14	14	14	14	13	13	13	13	13	13	13	14	14	14	14	14	13	13	14	13	13	14
31	14	13	14	14	13	13	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	12	13
MEAN	14	14	14	14	14	14	13	13	14	14	14	14	14	14	13	13	14	14	14	14	14	13	13	13	13.5

PERCENTAGE OF DATA VALID - 86.7 PERCENTAGE OF DATA INVALID - 11.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	14	14	14	14	14	13	13	13	13	13	-	-	13	13	13	14	14	14	14	14	13
2	12	13	13	12	13	13	14	14	14	13	13	13	12	12	12	12	12	12	12	12	13	13	13	13	13
3	12	12	12	12	13	13	13	13	13	12	12	12	12	12	13	13	13	12	13	13	12	10	12	13	12
4	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	13
5	13	13	14	14	14	14	14	14	13	13	13	13	14	13	13	13	13	14	15	14	14	14	14	15	14
6	16	15	14	15	15	15	15	14	14	14	14	14	14	-	13	13	13	14	13	13	13	14	14	14	14
7	14	14	14	14	15	14	14	14	14	14	14	14	15	14	14	14	14	14	14	14	14	13	13	13	14
8	14	14	14	14	14	14	13	14	14	13	13	13	13	13	13	14	13	13	14	14	14	14	14	14	14
9	14	14	14	14	14	14	14	14	14	14	13	14	14	13	13	13	13	14	14	14	14	14	14	14	14
10	15	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14
11	15	14	14	14	14	14	14	14	14	13	-	14	14	13	13	13	13	13	13	13	13	13	13	13	14
12	13	13	13	13	13	14	14	14	13	13	14	14	14	13	14	13	14	14	14	14	14	14	14	14	14
13	13	13	13	13	14	14	13	13	14	14	14	13	14	15	-	-	-	-	-	-	-	-	-	-	******
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	15	14	14	14	14	******
16	14	14	14	13	13	13	15	15	14	15	14	14	14	14	13	13	13	13	13	13	13	13	13	13	14
17	14	13	14	13	14	13	14	14	14	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	****	****	****	14	14	14	14	14	14	15	15	15	14	14	******
19	14	14	14	14	14	14	14	15	15	14	15	15	15	15	15	15	15	15	15	16	16	17	16	15	15
20	15	15	15	15	16	16	16	17	16	16	-	-	-	-	-	-	-	18	19	18	19	16	18	18	17
21	18	18	19	18	18	17	18	19	19	19	18	18	17	18	-	17	17	17	17	17	17	17	17	17	18
22	16	17	17	17	17	17	17	17	17	17	17	17	18	17	18	18	19	19	18	17	17	17	17	17	17
23	17	17	17	16	17	17	17	17	18	17	17	17	18	18	17	18	17	17	17	18	18	18	17	18	17
24	18	17	18	18	18	18	18	18	18	18	18	17	18	18	18	18	17	18	17	17	17	18	18	17	18
25	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	16	16	17	17	17	16	17
26	17	17	17	17	17	17	16	16	16	17	17	17	17	17	17	17	17	17	17	16	17	16	16	17	17
27	17	17	17	17	17	17	17	17	17	17	17	17	18	17	18	18	18	18	17	17	17	17	17	17	17
28	17	17	17	17	17	17	17	16	16	17	16	16	16	16	16	16	16	17	16	16	16	15	16	16	16
29	16	16	15	15	16	15	15	15	15	15	15	15	16	16	15	-	-	16	16	16	16	16	16	16	16
MEAN	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14.9

PERCENTAGE OF DATA VALID - 86.9 PERCENTAGE OF DATA INVALID - 3.7 PERCENTAGE OF DATA UNAVAILABLE - 9.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	17		16
2	17	17	17	17	17	17	17	17	17	17	17	17	18	18	17	17	17	17	17	17	18	17	16		17
3	16	16	15	15	15	15	14	15	14	14	14	-	-	15	14	14	14	15	15	15	15	15	15		15
4	13	14	14	14	14	14	14	14	14	13	14	14	14	14	14	15	15	15	15	15	15	14	15		14
5	15	15	15	15	15	14	14	15	15	15	15	15	15	15	16	15	14	14	13	13	13	13	13		14
6	13	13	14	13	14	14	14	14	14	14	14	14	14	-	14	14	14	14	14	14	14	14	14		14
7	14	14	14	14	14	15	15	16	16	15	15	14	15	15	-	-	15	15	15	15	15	15	16		15
8	15	14	14	14	15	14	14	14	14	14	14	14	14	14	14	15	15	15	14	14	14	14	14		14
9	14	14	14	14	15	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		15
10	15	15	16	16	15	15	15	15	16	16	15	15	15	15	15	15	14	14	14	14	14	13	14		15
11	14	14	13	14	14	14	14	13	13	14	14	13	14	14	14	14	14	14	14	14	13	14	14		14
12	13	13	13	14	13	13	13	13	14	13	13	-	13	14	14	14	14	14	14	14	14	14	14		14
13	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14	14	15	15	15	15	15	15	15		14
14	15	15	15	14	14	15	15	14	14	14	14	14	14	14	-	14	14	13	13	13	14	14	14		14
15	14	14	14	14	14	14	14	14	13	13	14	14	14	14	14	13	13	13	13	14	13	13	14		14
16	14	14	14	14	14	14	14	14	14	14	14	14	15	14	14	****	****	14	14	14	14	15	15		14
17	16	16	16	****	****	****	****	****	****	****	****	****	****	****	****	****	15	15	14	****	****	****	****		******
18	14	14	13	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15		14
19	14	14	15	14	14	14	14	14	14	14	15	14	14	****	****	****	-	-	-	-	-	-	-		******
20	-	-	-	-	-	-	-	-	-	-	-	-	-	13	14	14	14	15	****	****	****	****	****		******
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	14	13	14	14	14	14	14		******
22	14	13	14	14	13	13	13	14	14	13	13	14	13	13	13	13	13	13	13	13	13	13	13		13
23	13	13	13	13	13	13	13	13	13	13	12	12	13	13	13	13	13	13	14	13	14	14	13		13
24	14	14	14	14	14	14	14	14	14	14	14	****	14	14	****	****	****	****	14	14	14	14	14		14
25	15	15	14	14	14	14	13	13	13	13	-	-	14	14	15	14	-	-	-	-	-	-	-		******
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14.3

PERCENTAGE OF DATA VALID - 69.0 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 24.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	15	******
23	15	15	15	15	15	15	15	15	15	15	14	15	15	15	14	14	14	15	15	15	15	15	14	15	15
24	14	15	15	15	16	16	15	15	15	15	14	15	14	14	14	14	-	14	14	14	14	15	14	14	15
25	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15	****	****	****	****	****	****	****	****	****	******
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	****	-	-	2	2	2	3	4	5	5	6	7	8	******
29	7	6	8	8	8	8	8	8	8	9	8	6	8	8	7	9	8	9	9	9	9	9	10	10	8
30	10	10	11	11	11	11	11	11	9	10	11	11	10	11	11	11	11	11	11	10	11	13	15	15	11
MEAN	12	12	13	13	13	13	13	13	12	13	12	12	12	12	11	10	9	10	11	11	12	12	13	13	12.0

PERCENTAGE OF DATA VALID - 17.5 PERCENTAGE OF DATA INVALID - 9.6 PERCENTAGE OF DATA UNAVAILABLE - 72.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	12	11	11	10	12	13	13	12	-	-	-	-	-	-	-	10	10	10	10	11	11	10	10	11
2	10	10	10	10	11	11	12	13	11	10	9	9	11	11	11	11	10	10	10	10	10	11	11	14	11
3	15	13	11	11	11	12	12	12	11	11	12	11	12	12	12	12	12	11	12	11	11	11	12	12	12
4	11	11	11	11	13	13	13	13	11	11	11	11	11	11	12	13	13	13	12	12	13	13	13	13	12
5	14	13	12	11	12	13	13	13	14	13	13	13	11	11	11	11	11	11	11	11	12	11	12	11	12
6	11	11	11	11	11	11	11	11	12	12	11	11	11	11	11	11	11	11	11	11	11	12	12	12	11
7	12	12	12	12	12	13	13	11	11	11	11	11	11	11	11	11	10	11	11	11	12	12	12	13	12
8	11	11	11	12	11	11	11	11	12	12	12	11	11	11	11	12	12	12	12	11	12	12	12	12	12
9	11	11	11	11	11	11	11	11	11	10	11	-	-	-	-	15	14	14	14	14	14	15	15	16	13
10	17	17	15	15	17	17	17	16	15	14	14	14	14	14	14	14	15	15	15	14	14	15	15	15	15
11	15	14	14	14	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15	14	14	14	14	14	14
12	14	14	15	15	16	16	15	15	15	14	15	16	16	15	15	15	15	15	16	16	16	15	15	17	15
13	15	15	15	14	15	15	15	14	14	14	14	14	15	14	14	14	14	14	15	15	15	14	14	15	14
14	14	14	14	15	16	14	14	14	14	14	14	13	15	14	15	14	14	14	14	14	15	15	15	15	14
15	15	15	15	15	15	16	16	15	15	15	15	15	15	14	14	14	14	14	14	14	16	16	15	15	15
16	16	15	16	17	16	16	16	15	15	15	15	15	14	14	14	-	14	14	14	14	14	14	14	14	15
17	15	14	14	15	15	16	16	16	15	14	14	14	14	14	14	15	15	15	14	14	14	14	14	14	15
18	14	14	14	14	14	14	14	14	14	14	14	14	15	14	14	14	14	14	14	15	15	15	15	15	14
19	15	15	15	15	15	15	15	15	15	15	15	15	14	15	15	15	15	15	16	16	17	18	19	17	16
20	17	17	18	18	16	16	15	15	15	15	14	14	14	14	14	14	14	13	13	14	14	14	14	14	15
21	14	14	14	14	14	14	15	16	16	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	15
22	16	16	16	15	15	16	17	16	15	15	-	17	16	15	15	15	15	15	15	15	15	15	15	16	16
23	16	17	17	17	18	20	21	17	14	15	15	15	14	14	14	14	14	14	14	14	14	14	15	16	16
24	18	16	15	15	17	17	17	16	15	15	15	15	16	16	15	15	15	15	15	15	17	17	17	14	16
25	15	14	14	15	15	14	14	14	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14
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27	14	14	15	15	15	15	15	15	15	14	14	14	14	-	14	14	14	14	14	14	15	15	16	15	15
28	14	14	15	15	15	15	15	15	15	15	14	14	15	14	14	14	14	14	14	14	15	15	15	15	15
29	15	15	15	15	15	15	15	15	14	14	14	14	15	15	14	15	14	14	14	14	14	14	15	15	15
30	15	15	15	15	15	16	17	17	16	17	16	16	16	16	16	16	15	15	15	15	15	15	14	14	16
31	13	13	14	14	14	14	14	14	14	15	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14
MEAN	14	14	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13.9

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	14	14	14	14	13	14	14
2	14	14	14	14	15	15	15	15	15	-	-	15	15	15	15	14	14	15	15	15	15	15	15	15	15
3	14	14	15	15	14	14	14	13	14	14	14	14	15	15	14	14	14	14	14	14	14	14	14	14	14
4	14	14	14	14	15	15	15	14	14	14	14	14	14	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8	****	****	****	****	15	15	15	15	15	14	14	14	15	15	15	14	14	14	14	14	14	14	14	15	14
9	15	16	16	16	16	16	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15
10	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15	14	14	14	14	14	15	15	14	14	15
11	15	15	15	15	15	15	15	14	14	14	14	-	15	15	14	14	14	14	14	14	14	15	15	-	13
12	****	****	****	****	****	****	****	****	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16
13	23	23	23	24	25	16	15	16	16	16	16	16	16	15	15	16	16	16	16	17	17	17	17	17	18
14	17	17	17	18	19	19	19	19	19	18	19	18	18	17	18	18	18	17	18	18	18	19	18	18	18
15	16	17	17	18	17	17	16	16	15	17	16	17	17	17	17	16	15	15	16	16	15	15	15	15	16
16	15	15	15	15	15	16	16	15	15	15	15	16	15	15	15	15	15	14	14	15	15	15	15	****	15
17	****	****	****	****	****	****	****	15	15	15	15	15	15	15	15	15	15	15	15	14	15	15	15	16	15
18	16	16	16	15	15	15	15	15	16	16	16	15	15	-	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	15	15	15	16	******
21	15	15	15	17	15	15	16	15	15	15	15	15	15	15	16	15	15	15	15	15	15	16	16	16	15
22	17	17	18	18	17	16	16	16	16	15	15	14	15	15	15	15	15	15	15	16	16	16	16	16	16
23	17	17	17	18	18	17	17	16	16	16	16	16	16	16	15	-	-	19	16	15	17	17	17	17	17
24	16	16	17	17	17	17	17	17	16	15	15	16	15	15	15	15	15	16	16	16	17	18	20	20	16
25	20	21	21	21	23	24	22	20	17	15	15	17	15	14	14	14	14	14	14	15	16	16	16	16	17
26	17	16	16	15	16	16	15	15	16	16	16	16	13	****	****	****	****	****	****	15	15	15	15	15	15
27	16	16	16	15	15	16	15	15	15	14	14	****	****	****	14	15	15	14	14	14	14	14	14	14	15
28	15	15	15	15	15	15	15	15	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	15	16	15.5

PERCENTAGE OF DATA VALID - 68.1 PERCENTAGE OF DATA INVALID - 9.0 PERCENTAGE OF DATA UNAVAILABLE - 22.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	16	16	18	17	17	16	******
5	16	16	16	16	16	15	15	16	16	16	16	16	15	15	****	****	****	****	****	****	14	14	14	14	15
6	15	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15	15	15	15	15	15	15	15	18	15
7	18	18	19	19	18	18	18	16	15	15	15	14	-	14	14	14	14	14	15	15	15	15	15	15	16
8	15	15	15	15	15	14	14	14	14	14	15	15	16	****	****	****	****	****	****	****	****	****	15	15	15
9	16	16	16	17	17	16	16	16	15	15	15	15	14	14	15	15	15	15	16	16	16	17	17	17	16
10	18	17	19	19	21	21	18	16	15	15	15	15	15	15	15	15	15	16	15	15	16	17	17	17	17
11	16	16	15	15	15	15	15	15	15	15	15	15	****	****	****	****	****	****	****	****	****	****	15	15	******
12	14	14	15	14	14	15	15	14	14	13	13	14	14	15	15	15	15	15	15	14	14	15	17	19	15
13	15	16	16	17	16	15	15	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	14	14	15
14	14	15	16	16	17	17	15	15	14	13	15	15	14	14	15	15	15	15	15	15	15	16	16	16	15
15	16	15	15	15	15	15	16	16	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	******
16	-	-	-	-	-	-	-	-	-	15	15	14	15	14	14	15	14	15	15	14	15	15	15	14	******
17	15	16	16	15	15	14	14	14	14	14	14	14	****	****	****	****	****	****	****	14	14	14	15	15	15
18	15	15	15	15	16	15	14	14	14	15	15	15	14	14	14	14	15	15	15	15	15	15	15	15	15
19	15	16	16	16	16	16	16	15	15	14	14	14	14	14	****	****	****	****	****	****	****	****	15	15	15
20	15	15	15	16	15	15	16	16	16	16	15	****	****	****	****	****	****	****	****	****	****	****	****	****	******
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	14	14	14	******
22	13	13	14	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14	14	13	13	14	14	15	14
23	14	14	14	14	14	14	14	14	14	14	14	-	13	14	-	-	-	-	-	-	-	-	-	-	******
24	-	-	-	-	-	-	-	-	-	-	-	-	13	13	14	15	14	14	15	15	13	14	14	13	******
25	15	14	15	16	18	16	18	17	15	15	15	15	15	13	15	****	****	****	****	****	14	15	14	14	15
26	14	14	14	14	15	15	15	15	15	14	15	16	14	15	15	14	14	14	14	14	14	14	14	14	14
27	15	15	15	15	16	16	16	15	15	16	15	14	12	13	****	****	****	****	****	****	13	13	14	13	15
28	13	13	13	14	14	14	14	14	13	13	13	13	13	14	14	14	14	15	-	-	-	-	-	-	14
29	-	-	-	-	-	-	-	-	-	-	-	15	15	14	14	15	16	16	15	16	16	16	15	15	******
30	14	14	14	14	14	14	14	14	14	13	13	14	13	13	13	17	17	15	13	13	14	15	15	15	14
31	15	15	16	16	17	16	15	15	14	14	14	14	14	14	13	14	14	14	15	15	14	14	15	15	15
MEAN	15	15	15	16	16	15	15	15	15	14	15	15	14	14	14	15	15	15	15	15	15	15	15	15	14.9

PERCENTAGE OF DATA VALID - 68.1 PERCENTAGE OF DATA INVALID - 14.9 PERCENTAGE OF DATA UNAVAILABLE - 16.9

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	16	18	19	18	18	16	15	15	15	15	15	-	-	****	****	****	****	****	****	****	14	15	15	******
2	16	16	16	15	16	16	16	15	14	14	15	14	14	14	14	14	14	14	14	14	15	14	13	14	15
3	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	16	16	16	14
4	16	15	18	17	17	17	16	15	14	14	14	14	14	14	14	14	13	17	22	25	18	15	13	14	16
5	15	14	14	15	14	14	14	14	14	14	14	14	15	14	14	14	13	13	14	13	13	14	14	14	14
6	14	14	14	14	14	14	14	14	14	14	14	15	15	14	14	14	12	13	14	14	15	15	14	14	14
7	14	14	14	14	14	15	15	16	14	15	15	15	-	****	****	****	****	****	****	****	****	****	14	15	******
8	15	16	15	15	16	16	15	15	15	15	15	****	****	****	****	****	****	****	****	****	****	****	16	15	******
9	14	14	15	14	14	14	14	13	14	13	14	14	14	14	14	14	15	15	14	14	14	14	14	14	14
10	14	14	14	14	14	15	14	15	14	14	14	14	15	15	15	14	14	15	14	14	15	15	15	15	14
11	15	15	15	14	14	14	15	14	15	15	15	15	15	15	15	15	15	14	14	14	15	15	14	15	15
12	14	14	14	14	14	14	14	14	14	13	13	13	13	14	13	12	12	12	14	14	14	14	14	14	14
13	14	14	14	14	15	14	14	14	14	14	13	13	14	14	14	15	14	15	14	14	14	14	14	14	14
14	14	15	14	15	15	15	14	13	14	14	14	14	13	13	14	14	13	14	14	14	14	14	16	15	14
15	14	14	14	14	14	14	14	13	13	13	-	14	14	14	14	14	14	14	14	14	14	13	13	13	14
16	14	14	13	14	14	13	13	13	13	13	13	13	14	14	14	14	13	14	15	15	14	15	15	16	14
17	16	16	15	15	15	15	15	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14
18	14	14	14	14	14	14	14	14	14	14	14	15	15	15	-	16	16	15	15	15	15	15	15	15	15
19	15	15	15	15	15	15	15	15	14	14	14	14	14	15	15	14	14	15	15	15	15	14	16	15	15
20	16	17	17	16	16	16	17	16	15	15	14	15	15	15	15	14	14	15	18	20	16	14	15	15	16
21	15	15	15	15	15	15	15	15	15	15	15	16	16	17	17	16	16	15	15	15	15	15	15	15	15
22	14	15	15	15	15	15	15	14	14	14	14	14	14	14	15	15	15	15	15	15	14	14	13	14	14
23	14	14	14	14	14	14	14	14	14	14	15	14	15	14	15	14	18	26	23	16	15	16	16	15	16
24	15	15	15	15	14	14	15	14	15	14	14	14	14	14	14	14	14	13	14	15	15	14	15	16	14
25	16	17	18	19	17	19	15	15	15	14	14	14	15	15	15	15	14	13	14	15	16	15	15	17	16
26	16	15	15	14	15	15	15	15	14	14	14	14	15	16	15	15	14	15	15	15	15	15	14	15	15
27	15	15	15	15	15	16	15	15	16	14	14	16	15	15	14	14	14	14	14	13	14	14	14	14	15
28	15	15	15	14	14	14	14	13	13	14	14	14	14	14	14	14	14	15	15	15	14	14	14	14	14
29	15	14	14	14	15	15	15	15	15	16	16	16	16	15	15	****	****	****	15	15	15	15	15	15	15
30	15	15	16	15	16	15	16	17	16	14	14	14	14	14	15	16	16	16	15	16	15	15	14	14	15
31	15	15	15	15	15	15	14	15	14	14	13	14	15	15	15	15	14	14	15	16	15	15	15	15	15
MEAN	15	15	15	15	15	15	15	14	14	14	14	14	15	14	14	14	14	15	15	15	15	15	15	15	14.6

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	15	14	14	14	13	13	14	14	14	15	15	14	13	13	18	27	28	18	13	14	14	13	15
2	14	14	14	14	14	13	13	14	14	13	12	-	13	13	14	14	14	14	14	14	15	15	15	16	14
3	15	15	15	15	15	14	15	14	13	13	13	13	13	14	14	14	14	15	15	15	14	13	14	15	14
4	15	15	15	15	15	16	16	16	15	14	14	14	15	14	14	14	14	15	15	15	14	13	13	13	15
5	15	15	14	14	13	14	14	14	14	13	14	14	14	14	14	14	14	14	15	14	14	15	14	15	14
6	16	16	16	16	16	17	16	16	15	15	15	15	16	15	15	15	14	15	15	14	14	14	14	15	15
7	15	15	15	15	16	15	16	15	14	14	14	14	14	14	14	14	14	14	15	15	16	17	16	16	15
8	16	17	17	19	21	19	17	16	15	15	15	15	14	15	15	15	15	15	17	15	16	16	16	16	16
9	18	16	16	17	16	15	15	15	15	15	16	17	17	15	15	15	15	14	14	14	14	14	14	14	15
10	14	14	14	14	14	14	15	15	15	15	14	14	14	14	14	14	14	14	14	14	15	15	15	15	14
11	17	17	15	15	15	16	15	15	14	14	15	15	15	15	15	16	15	15	15	15	15	15	15	15	15
12	16	16	16	16	16	15	15	15	15	15	14	14	15	15	15	15	14	15	15	14	14	14	15	14	15
13	14	14	14	14	15	15	15	15	15	15	14	14	15	15	15	15	15	15	15	16	17	15	15	-	15
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	14	15	15	15	14	15	15	16	16	16	15	14	15	******
17	15	15	15	16	16	15	15	15	15	16	16	14	15	15	15	15	15	14	15	15	15	16	15	15	15
18	15	15	15	15	15	15	15	15	14	14	15	-	14	14	14	14	14	15	15	15	16	17	15	16	15
19	17	16	14	14	14	15	15	15	14	14	14	13	14	-	-	14	14	14	14	15	15	15	15	16	15
20	16	15	15	16	17	17	15	16	16	16	15	16	16	****	****	****	****	****	****	****	19	18	19	19	17
21	16	17	17	17	15	15	15	15	15	15	15	15	15	****	****	****	****	****	****	****	****	****	****	****	******
22	15	15	15	15	15	15	15	15	14	14	14	14	15	15	15	15	16	16	****	****	****	14	14	14	15
23	14	13	13	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	15	14	14	14	15	14
24	14	15	15	15	15	16	16	15	16	16	15	15	15	14	15	15	14	14	14	14	14	14	15	15	15
25	15	15	17	16	16	16	16	16	16	15	15	14	14	15	15	14	15	15	15	17	16	14	14	14	15
26	14	14	14	15	15	14	14	14	14	14	14	14	-	14	14	14	13	13	13	14	14	13	14	14	14
27	13	14	14	14	14	14	14	15	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	15	14
28	15	15	15	15	15	17	17	16	15	14	14	14	14	13	13	14	14	14	14	14	14	14	14	15	15
29	14	14	14	14	14	14	15	15	15	14	14	13	13	13	14	13	13	14	14	15	14	15	18	17	14
30	16	15	14	14	14	14	14	14	15	15	15	15	15	14	14	15	15	15	15	16	17	16	15	16	15
MEAN	15	15	15	15	15	15	15	15	15	14	14	14	15	14	14	14	14	15	15	15	15	15	15	15	14.8

PERCENTAGE OF DATA VALID - 88.1 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 9.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	14	15	15	14	14	14	14	14	14	14	-	-	15	15	15	15	15	15	15	15	14	15
2	13	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13	14	14	15	15	13
3	14	15	15	15	15	15	14	13	13	14	14	14	14	14	14	13	14	13	13	13	13	13	14	14	14
4	15	15	14	14	14	14	14	14	13	13	13	13	14	13	13	13	13	14	14	14	14	13	13	14	14
5	15	14	14	14	14	14	14	13	14	14	13	13	14	14	14	14	15	15	15	14	14	15	14	17	14
6	16	16	17	21	18	18	19	18	15	14	14	14	-	-	-	-	-	-	-	-	-	-	-	-	******
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	14	15	14	14	14	14	14	******
10	14	15	15	14	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14
11	15	15	15	14	15	15	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14
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14	13	13	13	13	13	13	13	13	14	13	12	12	12	12	12	13	12	12	12	12	12	12	12	13	13
15	14	13	13	14	13	13	14	14	14	14	13	-	13	13	13	13	13	13	13	13	13	13	13	13	13
16	13	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	14
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18	14	14	13	13	14	13	13	13	13	13	14	14	13	13	13	13	13	13	14	14	14	14	13	14	13
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20	14	14	14	13	13	13	13	14	14	13	13	13	14	13	13	13	14	14	14	14	14	15	14	14	14
21	14	14	14	14	14	14	14	14	14	14	14	-	14	14	14	14	14	14	14	15	15	16	15	15	14
22	15	15	15	15	15	15	15	15	15	15	15	15	15	14	15	14	14	14	14	15	15	15	14	14	15
23	16	15	15	16	17	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	15	15	15	15	15
24	15	15	15	15	15	15	15	15	15	14	15	15	14	14	14	15	14	14	14	14	15	15	15	15	15
25	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14
26	14	14	14	14	14	14	15	15	14	15	14	15	15	15	15	15	15	15	16	16	16	16	15	15	15
27	16	15	15	15	15	14	14	14	14	13	14	14	15	15	15	15	15	15	15	15	16	16	15	16	15
28	16	16	16	17	15	15	15	15	16	16	16	16	15	15	15	15	16	15	15	15	15	15	16	15	15
29	15	16	16	15	16	16	16	16	16	16	16	16	15	15	15	15	15	16	16	16	16	16	16	15	16
30	16	16	16	16	15	15	15	16	16	16	15	15	15	15	15	16	16	17	16	16	16	16	16	16	16
31	15	15	15	16	16	16	16	15	15	16	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15
MEAN	15	15	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14.2

PERCENTAGE OF DATA VALID - 89.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16
2	16	16	16	15	15	16	15	15	16	16	16	15	15	15	15	15	15	15	15	17	17	16	17	18	16
3	18	18	18	16	16	15	15	15	15	15	17	17	17	17	16	17	17	17	17	17	16	17	18	15	17
4	15	15	16	15	15	16	16	16	15	16	15	-	15	15	15	15	14	15	15	15	14	14	15	15	15
5	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	16	14
6	15	15	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	15	15	15
7	15	15	15	15	15	16	16	15	16	16	16	****	****	****	****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	15	15	15	14	14	14	14	14	15	******
12	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	15
13	15	15	15	16	16	15	16	16	16	16	15	15	15	16	16	15	15	14	15	15	16	16	16	16	15
14	16	16	16	16	16	15	15	15	15	15	15	16	15	15	15	15	14	14	14	14	15	15	14	14	15
15	14	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	15	15	14	15	14
16	15	14	14	14	14	14	14	14	15	15	15	14	14	14	14	14	15	15	14	14	14	14	14	14	14
17	14	14	14	14	14	14	14	14	15	15	15	15	15	14	14	15	15	14	14	14	15	15	15	15	14
18	15	15	15	15	14	14	15	15	14	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14
19	14	14	14	14	14	14	14	14	14	14	14	15	14	15	15	15	15	15	15	15	16	15	15	15	15
20	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	16	16	15	15	16	15	15	16
21	15	15	16	15	15	16	15	15	15	15	15	15	14	14	-	14	14	14	14	14	14	14	14	14	15
22	14	14	14	14	14	14	15	15	15	15	15	14	15	15	15	15	15	15	15	15	16	16	16	15	15
23	16	16	16	16	16	17	17	16	17	17	17	17	17	17	17	17	16	16	16	16	17	17	16	17	17
24	17	17	17	16	17	17	16	15	16	16	16	16	16	16	16	-	-	-	-	-	-	-	-	-	******
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	13	13	14	14	13	******
26	14	14	14	14	14	14	14	13	14	13	13	13	13	14	14	14	15	14	14	14	14	14	14	14	14
27	14	15	14	14	15	15	15	15	15	14	14	14	14	14	14	14	13	13	13	13	13	14	14	14	14
28	14	14	14	15	15	15	14	14	14	14	14	14	15	15	14	14	14	13	14	14	14	14	14	14	14
29	14	14	14	13	13	13	13	13	13	13	13	14	14	14	13	13	13	13	14	14	14	14	14	15	14
30	13	13	14	14	14	14	14	13	14	15	14	14	14	14	14	15	15	14	15	15	13	13	14	14	14
MEAN	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14.8

PERCENTAGE OF DATA VALID - 82.1 PERCENTAGE OF DATA INVALID - 13.5 PERCENTAGE OF DATA UNAVAILABLE - 4.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5.NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	14	14	15	15	14	14	14	15	15	15	15	15	15	-	15	15	15	15	16	15	15	15	15
2	16	15	15	15	15	15	14	14	14	14	13	13	13	13	13	15	13	13	13	13	13	13	13	13	14
3	13	13	13	13	13	13	12	12	12	13	12	12	13	13	13	13	13	13	13	13	12	13	13	12	13
4	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	14	13	13	13	13	13	13	13	13
5	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13	13	13	13	13	14	14	14	13
6	13	14	14	14	13	14	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	14	13	13
7	14	15	15	15	15	15	15	16	16	16	16	18	17	16	16	15	14	14	14	15	14	15	15	14	15
8	15	15	15	15	15	14	14	14	14	14	14	14	13	13	13	13	13	14	14	13	13	12	13	13	14
9	12	13	12	12	12	13	13	13	12	13	13	13	13	13	13	13	-	14	14	14	14	14	14	14	13
10	14	14	14	14	14	14	13	13	13	12	13	13	13	12	12	12	13	12	12	12	12	****	****	****	13
11	****	****	****	****	****	****	****	****	****	****	****	****	****	11	10	10	10	11	11	11	12	12	11	12	******
12	12	12	12	13	13	13	13	13	12	12	13	13	13	13	-	15	15	15	15	15	15	15	15	15	14
13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	14	14	13	13	14
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	14	14	13	13	14	14
15	15	15	15	15	13	13	13	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	15	14
16	16	16	16	16	15	15	14	15	14	14	14	14	15	15	15	15	15	15	14	14	13	13	13	14	15
17	13	13	13	13	13	13	13	13	13	14	13	13	13	13	13	14	13	14	14	15	15	15	15	14	14
18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	14	14	14	14	13	13	******
19	14	14	13	14	14	14	13	14	14	13	13	13	13	13	-	-	14	13	13	13	14	14	14	13	14
20	13	13	14	14	14	14	14	14	14	13	13	14	14	14	14	14	14	14	14	14	14	14	13	14	14
21	14	14	14	15	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14
22	15	15	15	15	15	16	15	16	16	15	15	14	15	14	15	15	15	15	15	15	15	15	17	17	15
23	18	18	17	18	18	18	18	17	16	-	17	16	16	16	16	16	16	16	15	15	15	15	15	15	16
24	15	15	15	16	15	16	15	15	15	15	14	14	14	14	14	14	13	13	13	13	13	14	13	13	14
25	13	13	14	13	13	14	14	14	13	14	14	13	14	13	13	14	13	13	13	13	14	14	14	14	14
26	14	14	14	14	13	13	14	13	14	14	14	14	14	14	15	15	15	14	14	14	14	15	15	15	14
27	15	16	16	16	17	17	18	18	16	16	16	16	16	16	16	16	15	15	15	15	14	15	15	16	16
28	15	16	17	17	16	16	16	15	15	16	14	14	15	15	16	16	16	16	16	16	16	16	16	16	16
29	17	18	17	17	19	18	16	16	16	16	16	16	16	16	16	16	17	-	16	17	17	15	15	15	16
30	15	15	14	14	14	14	14	13	14	13	13	13	13	13	13	13	13	13	14	13	13	14	15	15	14
31	16	16	15	14	14	14	13	14	14	14	14	14	15	15	15	15	15	15	15	14	14	14	14	14	14
MEAN	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14.1

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	13.5	15	18
FEB	24	14.9	18	19
MAR	20	14.3	17	18
APR	4	12.0	15	16
MAY	31	13.9	16	21
JUN	20	15.5	18	25
JUL	19	14.9	17	21
AUG	28	14.6	16	26
SEP	26	14.8	17	28
OCT	27	14.2	16	21
NOV	23	14.8	17	18
DEC	29	14.1	16	19
YEAR	277	14.4	18	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	645	0	0	0	0	0	0	645
FEB	1	604	0	0	0	0	0	0	605
MAR	0	513	0	0	0	0	0	0	513
APR	40	86	0	0	0	0	0	0	126
MAY	21	707	2	0	0	0	0	0	730
JUN	0	475	15	0	0	0	0	0	490
JUL	0	505	2	0	0	0	0	0	507
AUG	0	704	5	0	0	0	0	0	709
SEP	0	631	3	0	0	0	0	0	634
OCT	0	664	1	0	0	0	0	0	665
NOV	0	591	0	0	0	0	0	0	591
DEC	3	703	0	0	0	0	0	0	706
YEAR	65	6828	28	0	0	0	0	0	6921

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
78.8	2	12.3	13.3	13.8	14.5	15.7	16.5	17.4	17.9	28	14.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13	13	12	13
2	14	13	13	14	14	15	15	16	15	15	15	15	14	14	14	14	15	14	15	15	13	13	14	14	14
3	14	14	13	14	15	15	15	15	14	14	14	14	13	14	14	14	13	14	14	13	13	13	14	15	14
4	17	16	17	18	18	16	16	16	14	13	13	13	14	14	14	14	14	14	14	15	15	16	15	14	15
5	13	13	13	14	15	14	14	14	14	13	13	14	12	12	12	12	12	12	12	13	13	13	13	13	13
6	14	14	14	14	14	16	16	14	15	14	13	12	13	13	12	12	13	12	12	12	14	14	14	14	14
7	14	14	14	14	14	12	12	12	13	13	13	14	-	-	12	12	12	12	12	13	13	13	13	13	13
8	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	-	12	12	12	12	12	12	12	12
9	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	14	14	13	13	14	13
10	14	14	16	16	15	14	14	13	13	13	13	13	13	12	12	12	12	12	12	12	12	13	13	13	13
11	12	13	13	13	13	13	12	12	12	12	12	12	12	12	12	11	11	11	11	12	12	12	11	12	12
12	13	12	12	12	12	13	12	12	12	13	14	13	13	13	12	12	12	12	13	13	12	12	12	13	13
13	14	14	13	13	13	13	13	13	13	13	12	12	13	13	12	12	12	12	12	12	-	-	-	-	13
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	12	13	12	12	12	12	12	******
15	12	14	14	14	14	14	16	15	15	16	15	14	13	13	13	13	13	13	13	13	13	13	13	14	14
16	12	12	12	12	12	12	14	14	13	13	13	13	12	12	13	12	13	12	11	12	12	12	14	14	13
17	14	13	13	13	13	13	13	12	12	13	13	13	13	13	13	13	13	13	12	13	13	13	13	12	13
18	13	13	13	13	12	12	12	12	12	12	12	12	13	13	12	12	12	12	13	12	13	12	12	12	12
19	13	13	12	11	11	11	11	12	12	12	12	11	12	12	12	12	12	12	13	13	12	12	13	13	12
20	11	10	10	10	11	11	12	12	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	11
21	12	12	12	12	11	11	11	11	11	11	11	11	12	12	12	12	11	11	12	12	11	11	11	11	11
22	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
23	12	11	11	11	11	12	12	12	11	11	11	11	11	-	-	-	14	13	14	14	14	13	13	13	12
24	14	13	13	13	13	13	13	13	14	13	13	13	13	13	13	14	13	13	14	14	14	14	14	13	13
25	14	13	13	14	14	14	14	14	14	14	14	14	15	15	-	14	****	****	-	-	-	-	-	-	******
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28	-	-	-	-	-	-	-	-	-	-	-	-	12	12	13	-	-	14	13	13	13	13	14	13	******
29	13	13	13	13	13	13	15	13	13	14	13	13	14	14	13	-	-	13	13	13	13	14	15	14	13
30	14	13	13	14	14	14	14	14	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	14	13
31	14	14	13	14	13	13	13	13	14	13	13	13	13	12	12	-	12	12	12	12	12	12	12	12	13
MEAN	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	13	13	13	13	13	13	12.9

PERCENTAGE OF DATA VALID - 86.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 13.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	14	12	13	13	13	13	14	13	-	13	13	13	13	13	13	13	13	13	13	13	13	13
2	14	14	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	14	13	13	14	14	******
5	13	13	13	13	16	14	17	-	-	-	-	-	-	-	-	-	-	13	14	14	14	16	17	-	******
6	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	12	13	12	12	12	12	12	12	12	******
7	12	12	12	14	14	15	14	13	14	13	13	13	13	13	-	13	13	14	13	13	13	13	14	13	13
8	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	13	13	13	13
9	13	13	14	13	13	13	13	13	12	12	12	12	12	12	12	13	12	12	12	13	12	12	13	12	13
10	12	13	13	13	13	13	13	13	13	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12
11	12	12	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	12
12	12	12	12	13	13	13	13	13	13	12	12	13	12	12	12	12	13	12	12	12	12	12	12	12	12
13	13	13	13	12	12	12	13	12	12	13	13	12	12	12	13	13	13	13	13	13	13	13	13	13	13
14	12	12	12	13	12	13	13	13	13	13	14	13	13	12	12	12	12	12	12	12	13	14	14	15	13
15	15	14	20	18	15	15	14	12	12	12	-	-	12	13	13	13	13	13	13	13	13	13	13	13	14
16	13	12	12	12	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13
17	14	13	13	13	13	13	13	13	13	13	13	13	13	12	12	13	13	13	13	12	12	12	12	13	13
18	12	13	13	13	13	13	13	13	13	12	12	12	13	13	13	13	13	13	13	13	13	13	12	13	13
19	12	12	12	12	13	13	13	13	14	14	14	14	13	13	13	14	14	14	14	14	15	16	16	15	14
20	14	13	13	13	15	15	15	16	16	15	15	14	14	13	13	13	14	14	14	14	14	14	14	14	14
21	14	13	14	15	14	14	14	14	14	14	14	14	14	14	13	13	13	14	14	14	14	13	13	13	14
22	12	12	12	12	13	13	13	13	13	13	13	13	13	14	14	14	14	14	15	14	14	13	13	13	13
23	12	12	13	13	13	12	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13	13	13	13	13
24	13	12	13	13	13	14	14	15	14	14	13	13	12	12	12	12	13	13	12	13	13	12	12	12	13
25	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	13	13	13	13
26	13	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	11	12	13
27	12	12	12	12	12	12	12	13	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13
28	13	13	13	15	14	15	14	13	13	13	13	13	13	13	13	13	13	13	14	13	14	14	14	13	13
29	14	15	15	14	14	14	13	14	13	13	14	14	14	13	13	13	14	-	-	12	12	13	13	12	13
MEAN	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13.0

PERCENTAGE OF DATA VALID - 87.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 12.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	14	13	12	12	13	13	13	13	12	13	13	12	13	13	12	12	13	13	13	13	14	13
2	13	13	13	13	14	13	13	13	13	13	13	12	13	12	13	13	13	12	13	12	12	13	13	12	13
3	12	12	13	12	12	12	13	12	11	11	10	12	11	12	12	-	-	13	13	13	13	13	13	13	12
4	12	13	13	13	13	13	13	14	13	13	13	13	13	13	12	13	13	13	14	14	14	13	13	13	13
5	13	13	14	14	14	14	13	13	13	14	14	14	14	14	14	14	14	13	14	13	13	13	13	13	14
6	13	13	13	13	13	13	13	12	13	13	12	12	12	12	12	12	12	12	12	13	12	12	12	12	12
7	13	13	13	13	14	14	15	16	16	15	13	13	14	14	14	14	14	14	13	13	13	13	14	14	14
8	14	14	14	14	14	14	14	14	13	13	13	13	12	12	13	13	13	13	13	13	13	13	13	13	13
9	13	13	14	14	14	14	13	14	15	13	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13
10	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	-	-	13	14	13	13	13	12	12	13
11	13	13	13	14	14	13	13	13	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13
12	13	13	13	13	13	13	14	13	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13
13	13	13	13	13	13	12	12	13	13	13	13	12	12	12	12	-	12	12	12	12	12	12	12	12	12
14	13	14	14	13	14	14	15	14	13	14	14	13	13	13	13	13	13	14	14	14	14	14	13	13	14
15	13	13	13	13	13	13	14	13	13	13	13	13	13	13	14	14	14	13	14	17	15	14	14	13	14
16	14	14	14	13	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13	14	13
17	15	15	15	15	14	14	14	14	15	15	15	14	13	13	13	13	13	13	13	13	13	13	13	13	14
18	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	14	13	13	12	12	12	12	12	13
19	14	14	14	13	13	14	14	15	14	13	13	13	14	14	-	-	-	-	-	-	-	-	-	-	******
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13.1

PERCENTAGE OF DATA VALID - 59.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 40.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	14	14	13	14	16	15	14	14	******
19	14	15	14	14	15	16	19	18	14	15	14	14	14	14	14	14	14	14	14	14	14	14	13	13	15
20	13	13	13	13	13	14	14	13	13	13	13	13	13	13	13	12	13	13	13	13	14	14	14	15	13
21	13	13	13	13	14	14	13	14	14	14	14	14	14	13	13	13	12	13	13	13	13	13	13	14	13
22	14	14	17	15	17	18	16	15	14	13	13	13	13	13	-	-	-	-	13	13	13	13	13	13	14
23	13	13	13	13	14	13	14	14	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13	14	13
24	14	14	14	15	14	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
25	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14	16	15	14	14	15	14
26	15	15	17	14	18	19	16	15	14	13	13	13	14	14	13	13	14	13	14	14	15	14	15	15	15
27	14	14	13	13	14	15	15	15	15	14	14	13	13	13	13	13	13	13	13	13	14	14	13	13	14
28	14	13	14	14	13	14	14	14	14	14	14	13	13	14	14	14	13	13	13	13	13	14	14	13	14
29	13	13	13	13	13	14	14	14	14	13	13	13	13	13	14	14	14	13	14	14	13	14	13	14	13
30	14	15	15	14	14	14	14	14	14	13	13	13	12	14	14	14	13	14	16	16	17	17	16	19	15
MEAN	14	14	14	14	14	15	15	14	14	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	13.8

PERCENTAGE OF DATA VALID - 40.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 59.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	16	13	14	14	16	15	15	15	14	13	13	14	14	14	15	15	13	13	13	23	15	13	12	15
2	13	13	14	15	16	16	18	15	14	13	13	-	12	12	11	11	11	11	11	11	13	12	15	15	13
3	13	13	16	16	15	17	18	12	12	13	12	12	12	12	12	12	13	13	13	12	11	11	11	11	13
4	12	12	12	12	13	13	14	12	12	12	12	11	11	11	12	12	11	11	11	11	11	11	11	11	12
5	12	12	12	12	12	12	12	12	12	12	11	11	12	12	12	12	12	11	11	11	11	12	12	12	12
6	12	12	11	12	12	12	12	12	12	12	12	11	12	12	12	12	12	12	12	12	12	13	13	12	12
7	13	12	12	13	13	12	11	11	12	12	11	11	12	12	12	11	11	11	11	11	12	12	11	12	12
8	12	13	13	15	13	13	-	-	-	-	-	-	-	-	-	-	14	14	14	14	15	14	14	14	******
9	14	14	15	14	14	14	14	14	14	14	14	13	13	13	14	13	13	13	13	13	13	13	14	14	14
10	20	15	14	15	15	17	16	15	14	14	14	14	14	14	14	14	13	14	14	13	13	14	14	14	15
11	13	13	14	14	13	13	13	13	14	14	14	14	13	13	13	13	13	13	13	13	14	14	14	13	13
12	13	13	14	15	16	15	15	14	14	14	13	14	14	15	14	15	15	15	14	14	16	16	13	14	15
13	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	14	14	14	13	13	13	14
14	13	14	14	15	16	15	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	15	15	14	14
15	15	14	14	14	14	15	15	14	14	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	******
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	13	13	13	13	13	14	14	14	14	******
21	14	14	14	14	14	14	15	15	15	15	14	14	15	15	15	15	15	14	14	15	14	14	14	15	14
22	14	18	15	15	15	15	16	15	14	15	16	17	15	15	14	14	14	14	14	14	16	17	16	15	15
23	36	19	23	32	33	27	21	18	15	15	14	14	14	-	14	14	13	13	16	21	18	15	16	20	19
24	24	17	15	16	19	20	17	16	15	15	15	14	17	15	17	15	16	15	15	15	18	18	17	15	17
25	16	19	13	13	15	14	13	13	13	13	14	13	13	13	13	13	13	13	13	13	16	22	15	22	15
26	19	23	20	14	14	15	13	13	13	13	13	13	-	13	13	13	14	13	13	13	15	15	13	15	14
27	14	14	14	14	13	13	13	13	14	13	13	13	13	14	14	13	13	13	13	13	13	14	14	14	13
28	14	14	15	15	21	24	14	15	14	13	13	13	13	13	13	13	13	13	13	13	14	14	15	14	14
29	14	14	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14
30	15	14	14	14	15	17	16	16	16	15	15	15	15	14	14	14	15	14	14	14	14	14	13	13	15
31	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
MEAN	16	15	14	15	15	15	15	14	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14.0

PERCENTAGE OF DATA VALID - 81.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 18.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	14	14	13	13	13	13	13	14	14	14	13	13	13	13	14	14	13	13	13	13
2	14	13	13	13	13	14	13	13	13	14	13	13	14	14	14	-	14	14	13	14	15	15	14	15	14
3	17	15	15	15	15	15	15	14	14	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	15
4	14	14	15	15	14	14	15	14	14	15	15	14	15	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	15	15	14	14	15	15	******
7	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	15	14	15	-	-	-	15
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	15	15	15	15	15	15	******
11	15	16	16	16	16	16	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15
12	18	29	39	27	22	23	18	15	15	16	15	15	16	16	15	15	15	15	16	16	16	15	16	17	18
13	15	16	16	17	17	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	16	17	16	17	16
14	28	21	17	17	17	18	18	17	17	17	17	16	16	16	16	16	15	16	15	15	17	16	16	15	17
15	16	16	16	15	15	15	15	15	15	15	15	16	16	16	16	14	14	13	14	15	14	13	14	14	15
16	14	14	14	14	17	14	14	14	14	14	14	14	14	14	14	13	13	12	13	13	14	14	13	14	14
17	14	14	15	16	15	17	17	15	14	14	14	14	14	14	14	14	13	13	13	13	13	13	14	15	14
18	16	15	14	13	13	13	14	14	14	13	13	13	13	13	14	14	15	14	14	14	15	17	15	17	14
19	19	16	17	15	14	14	15	15	15	14	14	14	14	14	14	14	14	14	14	13	13	14	14	14	15
20	14	14	13	13	13	13	13	13	13	13	13	14	14	14	13	-	14	14	14	14	15	17	15	14	14
21	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	17	17	14
22	16	15	19	18	14	14	15	15	14	14	14	13	14	14	14	14	14	14	14	15	15	15	15	15	15
23	17	22	15	18	18	18	14	14	14	14	-	14	13	13	14	14	13	13	14	14	13	13	13	19	15
24	25	27	31	41	59	25	18	14	14	-	13	13	17	16	15	16	15	14	14	15	15	17	19	20	21
25	17	19	20	28	39	40	25	17	13	14	14	15	14	13	12	11	12	12	14	17	17	14	13	13	16
26	14	13	13	13	13	13	14	15	14	14	14	14	14	13	13	12	12	13	13	13	13	13	13	13	13
27	14	14	14	12	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	13
28	12	12	12	12	12	13	13	13	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	16	16	17	17	18	17	15	14	14	14	14	14	15	14	14	14	14	14	14	14	15	15	15	15	15.0

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 24.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																- DATA UNAVAILABLE -									
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	13	12	12	13	13	13	16	******
3	19	25	15	13	13	13	13	12	12	12	13	12	13	13	13	13	13	13	13	13	13	13	13	17	14
4	15	13	13	12	13	13	12	12	12	13	13	13	12	13	13	13	13	14	14	14	15	16	15	16	13
5	13	13	13	13	12	12	13	13	14	13	13	13	11	12	12	13	13	13	12	13	13	13	14	16	13
6	13	13	17	16	16	12	13	12	12	12	11	11	12	12	13	12	12	12	12	12	12	15	21	28	14
7	33	46	35	25	20	17	16	12	12	12	13	13	12	11	11	11	12	12	13	14	14	13	12	12	17
8	12	12	12	12	13	12	11	11	11	11	12	9	9	11	12	12	12	12	12	12	12	13	12	12	12
9	12	12	14	12	12	20	14	12	12	12	12	12	12	12	12	12	12	13	13	14	14	31	23	30	15
10	19	20	49	43	34	23	15	15	12	12	11	12	13	13	13	13	13	13	12	12	12	13	12	12	17
11	12	12	12	12	12	12	13	13	13	12	-	13	12	13	12	12	12	11	11	12	12	12	22	24	13
12	22	12	22	19	19	17	14	12	12	12	12	13	12	12	12	13	12	12	11	12	16	19	17	21	15
13	32	30	20	17	20	15	16	12	12	12	12	13	12	12	12	12	12	12	12	13	12	15	15	13	15
14	12	12	12	16	28	14	12	12	12	12	12	12	12	13	-	-	13	13	13	13	14	16	17	21	14
15	14	14	14	14	14	14	14	14	14	14	14	13	13	14	13	12	13	13	13	13	13	13	13	13	13
16	13	12	12	14	14	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12
17	12	12	13	13	15	12	12	12	12	12	12	12	12	12	12	11	11	12	12	11	11	11	12	12	12
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19	14	13	12	14	13	13	12	12	11	12	12	12	13	13	13	12	13	12	12	12	12	14	14	15	13
20	13	13	14	14	12	12	13	14	14	13	13	12	12	12	13	14	13	12	12	13	14	13	13	13	13
21	12	12	11	12	12	12	13	12	12	11	11	12	12	12	12	11	12	12	12	11	11	11	11	11	12
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24	12	16	18	14	11	14	12	12	12	11	11	11	12	12	-	13	13	13	13	13	12	12	13	13	13
25	15	15	14	13	12	13	17	12	12	13	13	13	15	14	14	13	13	13	13	13	13	12	13	13	13
26	13	13	13	13	13	13	13	13	13	13	14	15	13	13	13	13	15	14	13	23	43	46	29	34	18
27	17	17	28	16	16	18	15	14	14	14	14	14	14	14	14	13	14	14	13	14	12	12	12	12	15
28	13	12	12	12	12	12	12	12	11	12	12	11	13	13	13	14	14	14	-	-	-	-	-	-	12
29	-	-	-	-	-	-	-	-	-	-	14	14	15	15	15	15	16	16	15	15	14	14	14	14	******
30	15	15	14	14	15	15	15	14	14	13	13	12	13	14	14	14	13	13	13	13	14	16	15	14	14
31	21	16	17	29	38	39	19	14	14	13	13	13	-	13	13	13	14	14	13	13	14	15	15	15	17
MEAN	15	16	17	16	16	15	14	13	12	12	12	12	12	13	13	13	13	13	12	13	14	15	15	17	13.8

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 8.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	16	21	28	20	17	15	14	14	13	13	14	15	14	-	13	13	13	13	13	13	12	13	12	15
2	13	12	12	13	13	14	14	14	14	14	14	14	14	14	13	13	14	14	16	15	15	15	15	14	14
3	14	14	15	13	13	13	13	13	13	13	13	13	14	13	13	13	14	14	14	14	15	18	14	14	14
4	25	28	26	30	25	21	24	14	14	14	13	14	13	13	13	13	13	13	13	13	13	13	13	14	17
5	14	14	16	14	14	13	13	13	13	13	13	13	12	13	13	13	13	13	13	13	14	14	13	13	13
6	13	13	13	13	14	14	14	14	14	12	12	13	12	13	13	12	12	12	12	12	13	12	13	13	12
7	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	18	14	12	13
8	12	12	17	13	12	12	13	13	12	-	-	13	12	12	12	12	12	12	12	13	13	13	13	12	12
9	12	12	13	12	11	12	12	12	12	12	13	12	12	12	13	12	12	12	12	12	12	15	13	13	12
10	16	19	16	22	30	20	14	12	12	12	13	11	11	12	12	12	12	12	11	12	12	12	12	12	14
11	12	13	13	13	12	12	13	13	13	12	13	12	13	13	13	13	13	13	13	14	16	14	13	13	13
12	11	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	12	12	13	12	12
13	12	12	13	13	12	12	12	12	12	12	13	13	13	13	13	13	13	12	13	13	13	13	13	16	13
14	17	14	13	13	12	13	12	11	11	11	11	11	12	12	12	12	12	12	12	12	12	14	14	13	12
15	12	12	12	12	12	12	12	12	12	12	12	12	12	-	-	12	12	13	13	13	13	13	13	13	12
16	13	13	14	14	14	14	13	13	14	13	12	12	13	13	13	13	13	13	13	14	14	17	35	21	15
17	25	22	39	41	37	20	18	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	17
18	13	13	12	13	14	14	14	14	14	13	13	14	14	14	14	15	14	14	14	14	14	14	13	13	14
19	13	17	13	14	14	14	14	13	13	13	13	13	13	13	-	13	13	13	13	12	12	12	13	14	13
20	13	14	16	28	30	19	14	13	13	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	15
21	15	20	14	13	15	18	19	13	13	13	14	14	15	15	15	14	13	13	13	13	13	12	13	13	14
22	13	13	13	13	13	13	13	13	13	13	13	12	13	12	12	11	12	12	12	12	13	22	15	13	13
23	16	19	22	20	15	13	15	14	13	13	13	13	12	12	13	13	12	13	13	13	15	12	13	17	14
24	24	16	23	17	14	14	13	14	13	12	13	12	12	13	13	13	13	13	13	15	35	30	28	26	17
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26	15	15	14	13	18	17	16	13	13	12	12	13	14	15	14	13	13	13	13	13	13	13	13	14	14
27	13	13	13	14	14	14	14	15	15	14	14	15	16	14	14	13	13	12	13	13	13	13	13	13	14
28	14	15	14	15	15	14	12	12	12	12	12	12	12	12	12	12	12	13	13	13	14	14	14	13	13
29	17	22	17	14	15	15	15	15	15	16	16	16	14	14	15	15	15	16	15	16	15	14	23	18	16
30	20	21	18	14	29	32	21	17	14	13	13	13	13	13	14	15	15	14	15	15	15	14	14	14	17
31	13	13	13	13	13	14	13	13	13	13	13	13	13	14	14	14	14	14	14	15	16	15	15	16	14
MEAN	15	16	17	17	17	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	15	14	14.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	13	13	13	13	13	13	14	13	13	13	13	13	13	13	13	12	13	12	13
2	12	13	13	14	13	13	13	13	14	13	13	13	14	14	14	14	13	12	13	13	13	12	12	12	13
3	15	14	14	14	14	14	13	14	14	14	14	13	13	13	12	13	13	13	14	20	29	24	40	38	17
4	34	37	33	24	32	34	21	15	14	14	14	14	16	15	14	14	13	13	13	13	12	12	12	12	19
5	12	12	13	16	16	13	12	13	13	13	12	13	13	13	13	13	12	13	14	18	12	14	15	15	13
6	13	13	24	17	16	16	13	14	13	13	12	12	12	12	12	11	11	12	12	12	12	12	12	13	13
7	13	13	13	12	12	13	13	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	14	14	14	14	14	38	44	29	******
9	25	17	14	13	12	13	13	13	13	14	14	14	13	13	12	12	12	12	12	12	12	11	12	12	13
10	11	11	11	11	11	12	12	12	12	-	-	-	12	12	12	12	12	12	14	16	13	15	18	14	13
11	12	12	12	12	13	13	12	12	12	12	12	13	13	12	12	12	13	13	13	13	13	13	12	13	12
12	13	13	16	16	16	15	15	12	13	-	-	-	11	13	11	11	11	11	11	11	11	11	11	11	12
13	10	10	11	11	11	11	11	13	12	11	11	11	11	11	11	12	12	12	13	14	14	12	12	-	12
14	13	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
15	- DATA UNAVAILABLE -																								
16	-	-	-	-	-	-	-	-	-	-	-	13	13	13	13	12	13	13	13	14	14	13	13	13	******
17	13	13	13	12	12	12	13	13	13	12	12	12	11	11	10	11	11	11	11	11	11	11	15	15	12
18	22	21	13	12	12	12	12	11	11	11	11	11	11	11	11	-	12	13	13	14	18	13	16	15	13
19	13	12	12	13	13	14	15	14	14	14	14	14	13	13	14	13	13	14	16	14	14	14	14	44	15
20	16	14	15	16	16	15	15	15	15	14	14	14	14	14	14	14	11	13	14	15	18	16	16	16	15
21	26	27	17	14	13	13	13	13	14	13	13	13	14	14	14	13	13	13	13	13	13	13	13	16	15
22	13	13	14	13	13	13	13	13	14	13	13	13	14	13	12	11	12	12	12	11	11	11	11	11	12
23	12	12	12	12	12	11	12	12	13	12	12	11	12	12	12	12	13	12	13	16	17	12	12	17	13
24	16	14	16	20	18	14	16	14	13	13	13	12	12	12	11	12	12	14	16	12	13	13	13	14	14
25	37	26	13	14	15	22	23	14	13	14	13	13	12	13	-	12	12	13	13	12	12	12	12	11	15
26	12	12	13	12	12	12	12	12	12	11	12	12	12	11	11	11	11	11	12	12	12	11	13	13	12
27	12	12	12	12	12	13	13	12	12	13	13	13	13	13	12	13	13	13	13	13	12	12	13	15	13
28	14	13	13	15	14	16	14	14	13	13	13	12	13	13	13	13	12	12	13	13	14	13	16	23	14
29	21	14	15	15	13	15	15	12	13	13	14	13	13	12	13	13	13	13	13	15	14	13	17	18	14
30	15	14	13	14	13	13	13	14	13	13	14	14	-	-	12	13	13	14	15	17	16	16	15	16	14
MEAN	16	15	15	14	14	14	14	13	13	13	13	13	13	13	12	12	12	13	13	14	14	14	16	17	13.8

PERCENTAGE OF DATA VALID - 86.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 13.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	13	13	13	13	13	13	13	13	12	-	12	12	12	12	12	12	12	11	11	13
2	11	12	11	11	11	11	11	12	12	12	12	12	11	11	11	11	11	12	15	15	13	15	30	34	14
3	35	30	24	18	18	13	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	15	15
4	14	12	12	13	13	12	12	12	12	12	12	12	13	12	12	11	11	11	12	12	12	12	12	12	12
5	11	11	11	12	11	12	12	11	11	11	11	12	11	12	12	13	13	12	12	12	12	14	16	18	12
6	12	19	22	16	16	50	52	16	12	12	13	12	12	12	12	12	13	14	12	12	13	14	13	12	17
7	12	12	12	13	14	15	13	12	13	13	14	13	13	-	-	-	-	-	-	-	-	-	-	-	******
8	- DATA UNAVAILABLE -																								
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	17	******	
10	29	26	13	13	13	13	21	13	13	13	13	13	14	13	14	14	14	14	25	29	33	32	16	14	18
11	16	15	15	15	13	13	13	13	13	14	13	13	15	14	13	13	15	13	14	13	13	13	12	14	
12	13	13	13	14	14	14	14	14	14	13	14	13	12	13	13	12	12	12	12	11	12	11	13	20	13
13	14	13	14	14	14	14	25	29	33	32	16	14	11	11	12	12	12	12	11	12	12	17	17	13	13
14	13	13	13	15	16	17	15	13	13	12	12	12	12	12	-	-	11	12	13	12	12	12	12	12	13
15	12	12	12	11	11	11	12	11	12	12	12	11	11	11	11	12	12	12	12	12	12	12	13	12	12
16	12	12	12	13	13	13	13	16	13	12	12	13	13	13	13	14	13	14	13	13	13	13	19	13	
17	14	18	41	45	23	14	14	14	14	15	15	15	-	-	-	11	11	11	11	-	-	-	-	-	18
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	13	17	15	15	13	12	******
22	12	12	13	20	21	16	16	16	14	12	13	12	12	11	11	12	12	12	13	12	16	12	29	19	15
23	33	17	14	14	14	14	14	13	12	12	11	11	12	12	-	-	11	11	11	11	11	11	11	11	13
24	12	12	12	12	12	12	13	12	12	12	12	12	11	12	12	12	11	12	12	12	11	11	12	11	12
25	12	12	11	11	11	11	11	11	11	11	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11
26	11	11	11	11	12	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	11	11	12	12	11
27	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	-	11	11	12	12	11	12	12	12	11
28	12	12	13	19	17	21	14	13	13	13	12	12	11	11	12	12	11	12	11	12	15	12	12	11	13
29	12	12	13	12	13	13	11	11	11	11	11	11	11	12	11	11	11	11	11	11	11	11	12	13	12
30	12	15	17	17	13	13	15	13	12	12	11	11	11	11	11	-	-	-	12	12	12	12	12	12	13
31	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	12	13	13	13	12
MEAN	15	14	15	15	14	15	15	13	13	13	12	12	12	12	12	12	12	12	13	13	13	13	14	14	13.3

PERCENTAGE OF DATA VALID - 78.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 21.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	13	14	12	12	13	12	12	12	12	12	12	11	11	11	11	11	11	12	11	12	11	12	12
2	15	13	13	16	13	12	13	12	12	12	12	12	12	12	12	12	13	15	12	12	13	13	14	38	14
3	36	17	13	13	13	13	13	13	13	13	13	13	14	14	14	15	15	15	15	15	14	14	14	14	15
4	12	12	12	12	12	12	11	12	12	13	13	12	12	12	13	-	-	-	-	-	-	-	-	-	******
5	· DATA UNAVAILABLE ·																								
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	10	10	10	12	12	12	12	12	12	******
7	12	12	11	12	12	11	11	12	12	12	12	13	13	13	13	13	13	13	13	13	14	13	14	14	13
8	12	12	12	14	12	11	11	11	14	12	11	11	11	12	12	12	12	12	12	15	13	12	16	12	12
9	13	12	12	12	13	12	13	13	13	14	13	12	13	13	12	11	12	13	12	12	12	13	13	13	13
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12	12	12	12	12	12	12	12	12	12	12	13	12	13	13	13	13	14	14	16	17	14	14	14	14	13
13	15	15	16	14	14	13	14	14	14	13	13	13	14	15	15	15	15	14	14	15	15	15	14	15	14
14	15	15	15	14	15	15	14	14	14	14	15	15	19	15	14	14	14	13	12	15	13	15	17	24	15
15	14	13	15	20	22	21	17	12	13	14	13	14	14	12	12	12	12	13	13	15	18	22	24	24	16
16	16	11	12	15	16	25	16	13	12	13	12	12	14	14	14	12	14	24	16	14	35	15	13	14	16
17	13	13	13	13	13	12	12	12	13	13	13	12	12	12	13	13	12	12	12	12	13	12	12	12	12
18	13	13	14	15	16	14	12	19	13	12	12	12	12	14	12	12	14	12	12	12	12	12	12	13	13
19	12	12	13	14	14	14	13	13	12	13	13	12	13	13	-	12	12	12	13	13	13	13	13	13	13
20	12	13	12	13	13	12	13	13	13	13	13	13	14	14	13	13	13	13	13	14	13	12	12	12	13
21	12	13	13	12	12	13	12	12	11	11	12	12	12	11	12	11	11	11	11	12	12	11	11	12	12
22	12	12	12	12	12	14	13	15	16	13	12	12	13	12	13	13	12	12	13	13	13	13	13	13	13
23	12	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	12	13	14	14	14	14	14	14	14
24	13	13	13	13	13	13	18	16	14	23	21	15	13	20	-	-	-	-	-	-	-	-	-	-	******
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	12	12	16	17	20	******
26	14	13	17	18	12	12	13	15	15	13	12	12	12	12	12	13	15	20	26	20	16	14	13	13	15
27	13	12	12	13	13	13	12	12	12	12	12	11	11	11	11	12	12	12	12	11	12	12	12	12	12
28	12	12	12	13	13	13	13	13	13	13	13	-	14	14	14	13	13	13	12	12	12	12	12	12	13
29	11	12	12	12	11	12	11	12	12	11	12	12	12	12	12	12	12	12	12	13	13	13	12	12	12
30	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	12	12	12	12	12	12	12	11	12
MEAN	14	13	13	13	13	13	13	13	13	13	13	12	13	13	13	12	12	13	13	13	14	13	13	15	13.1

PERCENTAGE OF DATA VALID - 89.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.4

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	13	13	13	13	15	16	15	15	14	14	15	14	16	18	30	16	15	14	14	14	15
2	14	14	14	15	15	15	14	14	14	13	13	13	13	13	13	12	-	13	13	13	13	13	13	13	13
3	11	11	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	13	13	15	17	18	15	13
4	17	20	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	15	13	13	14	14	13	14	14
5	14	14	14	14	13	13	13	13	13	13	13	13	14	14	14	13	13	13	13	13	14	13	13	14	13
6	14	14	13	13	13	14	14	13	13	14	14	14	15	14	14	14	14	15	14	14	14	14	14	14	14
7	15	15	15	15	16	16	18	16	16	16	18	19	18	17	17	17	16	15	15	15	15	15	16	20	16
8	22	17	15	15	16	16	17	15	14	15	15	14	15	15	15	15	16	15	15	14	14	14	13	13	15
9	13	13	13	13	13	17	16	12	14	15	13	13	13	13	13	-	12	12	13	13	14	13	12	13	13
10	12	12	13	14	14	14	14	12	13	14	13	12	13	12	12	12	12	13	13	13	12	12	12	12	13
11	12	12	12	13	19	13	14	13	12	12	12	12	12	12	12	12	12	12	13	12	12	12	12	12	13
12	13	13	12	13	12	12	13	13	13	14	12	13	13	13	12	12	12	13	13	13	13	14	13	14	13
13	14	13	12	12	12	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
14	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	-	-	-	-	-	-	-	-	-	******
15	-	-	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	13	13	13	13	13	15	15	******
16	15	14	15	14	13	13	13	12	13	13	13	13	12	12	12	12	12	12	12	12	12	12	13	13	13
17	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	-	12	11	11	12	12	12	12	12	12
18	13	-	-	-	-	-	-	-	-	-	-	-	13	13	13	13	13	13	13	12	13	13	13	13	******
19	13	13	12	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	14	13	12
20	12	14	13	13	13	13	13	13	13	13	13	13	12	12	12	13	13	13	14	15	14	13	13	12	13
21	12	12	12	12	14	12	12	12	13	13	12	12	12	12	12	13	13	12	13	13	13	13	13	17	13
22	18	15	15	14	14	15	14	14	14	14	15	14	14	13	13	13	13	13	13	13	14	14	15	15	14
23	15	15	16	16	16	15	15	14	13	13	-	-	13	13	13	12	12	12	12	12	12	12	13	13	14
24	13	13	13	13	13	13	13	15	15	13	12	12	12	12	13	13	13	13	13	12	13	13	13	12	13
25	13	13	13	13	13	14	14	13	14	13	13	13	13	12	13	13	13	13	13	14	14	13	14	13	13
26	14	13	13	13	12	12	12	13	12	12	12	12	12	12	12	13	12	12	13	13	13	13	13	13	13
27	14	16	15	16	16	15	14	15	15	15	14	14	14	14	14	13	14	14	14	15	14	14	14	14	15
28	15	16	15	17	17	18	17	20	18	14	13	13	13	13	13	14	14	14	14	16	20	17	19	22	16
29	20	21	28	18	15	15	15	14	15	15	16	16	15	15	15	15	-	15	15	15	15	14	13	13	16
30	14	14	14	13	12	12	12	13	13	13	13	13	13	12	12	13	13	13	14	13	13	13	13	13	13
31	15	13	13	14	12	12	12	12	13	13	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13
MEAN	14	14	14	14	14	14	14	13	14	13	13	13	13	13	13	13	13	13	14	13	14	13	14	14	13.5

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	12.9	15	18
FEB	24	13.0	14	20
MAR	18	13.1	14	17
APR	12	13.8	15	19
MAY	24	14.0	19	36
JUN	21	15.0	21	59
JUL	28	13.8	18	49
AUG	31	14.1	17	41
SEP	25	13.8	19	44
OCT	24	13.3	18	52
NOV	25	13.1	16	38
DEC	28	13.5	16	30
YEAR	286	13.6	21	59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	3	642	0	0	0	0	0	0	645
FEB	0	607	1	0	0	0	0	0	608
MAR	1	440	0	0	0	0	0	0	441
APR	0	294	0	0	0	0	0	0	294
MAY	0	590	16	3	0	0	0	0	609
JUN	0	522	14	6	0	0	0	0	542
JUL	3	641	26	14	0	0	0	0	684
AUG	0	693	37	8	0	0	0	0	738
SEP	3	591	18	11	0	0	0	0	623
OCT	0	555	17	11	0	0	0	0	583
NOV	23	603	16	3	0	0	0	0	645
DEC	0	696	10	0	0	0	0	0	706
YEAR	33	6874	155	56	0	0	0	0	7118

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81.0	9	11.1	12.0	12.6	13.3	14.8	16.5	21.7	28.4	59	13.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	16	15	16	15	14	13	14	14	13	14	15	15	14	13	15	14	13	12	14	13	14
2	13	14	14	13	14	15	16	16	16	16	16	16	14	15	15	13	14	16	16	16	17	15	15	14	15
3	16	16	16	16	15	14	15	15	16	16	16	17	16	16	16	15	16	16	16	16	16	17	17	17	16
4	19	17	18	17	17	17	16	16	16	14	15	15	14	14	14	15	14	15	14	14	14	14	14	14	15
5	14	14	15	15	16	16	15	15	15	14	15	16	17	17	16	17	17	16	16	16	22	16	16	15	16
6	16	15	15	16	17	20	26	20	18	16	16	16	14	15	16	16	16	16	16	14	16	16	16	14	16
7	17	16	16	16	16	14	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19	19	19	18	18	18	18	18	18	18	******
19	20	19	18	18	18	17	18	18	17	18	18	18	17	17	18	18	18	18	18	18	19	18	18	18	18
20	17	17	17	16	16	16	17	17	17	17	16	17	17	18	18	18	18	18	17	16	17	17	18	18	17
21	17	17	17	17	18	18	17	17	17	18	18	19	18	18	18	17	17	17	18	18	18	18	18	17	18
22	17	18	18	17	17	17	17	17	17	18	17	17	18	17	17	18	17	17	16	16	16	17	17	16	17
23	17	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	16	16	16	16	16	16	17	17	16	16	16	17	16	16	17	16	16	16	16	16	17	16	16	16	16.3

PERCENTAGE OF DATA VALID - 35.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 64.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	16	16	15	15	15	15	14	******
2	15	15	15	15	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	-	-	-	-	-	17	16	17	17	17	16	15	15	15	15	15	15	******
5	15	15	15	16	16	16	16	18	18	16	16	-	17	17	16	17	17	17	16	18	16	17	19	16	17
6	17	17	16	16	16	16	16	16	15	14	14	15	16	15	16	-	15	16	16	16	15	15	15	15	16
7	15	14	16	16	16	16	16	16	15	16	16	16	16	17	16	17	17	17	17	16	16	16	15	15	16
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9	16	16	16	16	16	16	15	16	16	16	16	16	15	16	17	16	16	16	16	15	15	15	14	14	16
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11	15	15	16	16	16	15	16	16	16	16	-	15	15	15	15	15	15	15	14	15	15	15	15	15	15
12	15	14	14	15	15	15	15	15	15	16	15	15	17	16	16	16	16	16	16	16	16	17	17	17	16
13	16	16	16	16	15	15	16	17	17	16	16	16	16	16	16	16	16	16	16	16	16	15	17	16	16
14	16	16	16	16	17	17	18	18	18	17	18	17	17	17	17	16	17	17	16	16	17	16	15	15	17
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17	15	15	15	15	15	15	15	15	15	15	14	14	15	15	15	15	15	15	15	15	14	14	14	14	15
18	15	15	15	15	15	16	15	16	15	16	15	15	15	15	16	17	16	16	17	16	16	17	17	16	16
19	16	16	16	16	16	16	16	16	17	16	17	17	17	17	17	17	17	17	17	17	19	19	21	20	17
20	19	18	19	18	18	19	19	19	19	20	18	17	18	17	17	17	17	19	18	17	18	18	17	17	18
21	17	17	17	17	17	18	18	18	18	17	18	17	18	18	18	18	18	17	17	16	17	17	16	15	17
22	15	16	15	14	15	16	15	16	16	16	16	17	17	17	18	18	18	19	18	17	16	17	17	16	16
23	15	16	17	16	15	17	17	17	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
24	16	17	17	18	17	18	18	18	17	16	17	16	16	16	16	16	17	17	17	17	16	16	16	16	17
25	16	16	16	16	17	17	16	17	16	17	16	16	17	16	17	17	17	16	16	16	16	16	16	15	16
26	16	15	15	14	14	15	14	14	14	15	16	15	15	16	16	15	15	16	14	15	14	15	14	15	15
27	15	15	15	15	15	15	15	14	15	15	14	14	14	15	14	15	15	15	14	14	14	14	15	15	15
28	14	15	15	15	15	16	15	15	15	15	15	14	15	16	15	15	15	15	15	15	14	14	14	14	15
29	13	13	13	13	13	13	13	14	14	15	15	15	16	15	16	15	15	14	-	14	14	15	14	14	14
MEAN	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15.9

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	14	14	14	14	15	16	15	15	15	16	16	16	16	16	16	15	15	15	14	15	15	14	15
2	13	15	14	14	14	14	13	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3	-	-	-	-	-	-	-	-	-	-	-	-	16	16	17	16	16	16	16	15	15	15	15	15	******
4	16	15	15	15	15	15	16	16	16	16	16	16	17	17	16	16	17	17	17	17	17	-	-	-	16
5	- DATA UNAVAILABLE -																								
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	16	16	16	17	17	17	17	******
7	17	17	17	17	17	17	19	19	19	18	18	18	17	18	18	18	17	17	17	17	16	17	17	17	17
8	17	17	17	17	17	17	17	16	16	16	16	17	16	17	17	17	17	17	17	17	17	17	17	17	17
9	17	17	17	17	16	17	17	18	20	19	19	17	18	18	17	17	17	16	17	16	16	17	17	16	17
10	17	17	18	18	18	18	18	17	18	18	18	18	18	17	17	17	17	16	16	16	15	14	13	13	17
11	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	14	14	14	13	14
12	14	14	14	14	14	14	14	14	15	15	16	16	-	-	14	14	14	14	13	14	14	14	13	13	14
13	12	11	11	10	10	10	10	9	10	11	11	11	13	13	13	14	14	14	14	15	16	16	15	16	12
14	16	16	16	16	17	17	16	15	15	15	15	15	15	15	14	14	14	15	15	15	15	16	15	15	15
15	16	15	15	16	16	16	15	15	16	16	16	16	17	17	17	17	17	17	17	17	17	17	16	16	16
16	15	14	13	14	14	14	14	14	15	15	16	16	16	17	17	17	17	17	16	16	17	17	18	18	16
17	17	17	18	18	17	17	18	17	17	18	17	17	16	16	16	16	15	16	17	16	16	15	15	14	17
18	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	16	15	15	16	16	16	16	16	15
19	17	17	17	17	17	17	16	17	17	18	18	18	18	18	18	18	19	19	19	18	18	19	18	18	18
20	17	18	18	18	18	18	18	18	18	19	18	17	18	-	-	20	20	20	21	18	18	18	18	18	18
21	17	17	17	17	17	17	16	16	16	16	17	17	18	17	16	15	14	13	13	13	13	13	13	13	15
22	13	13	13	13	13	14	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	15	16	15
23	16	16	16	16	16	16	16	16	15	15	16	16	16	17	16	17	16	17	16	16	17	17	16	16	16
24	17	17	17	17	17	17	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	16	17	17	17
25	17	17	17	17	16	16	16	16	16	16	17	16	16	16	15	15	15	15	15	15	15	15	15	15	16
26	15	16	16	16	16	16	16	16	17	16	16	16	18	17	17	17	17	16	17	16	17	18	18	17	17
27	18	18	19	18	19	22	28	21	17	17	18	18	18	16	17	17	17	17	17	17	18	18	17	16	18
28	17	16	18	17	17	17	18	19	17	18	18	18	17	-	-	-	-	-	-	-	-	-	-	-	******
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	16	16	16	16	16	16	16	16	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	16	16.0

PERCENTAGE OF DATA VALID - 79.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 21.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	14	15	15	14	15	15	15	******
4	15	15	15	15	15	16	15	16	16	16	15	15	16	15	14	15	15	14	13	13	13	14	13	13	15
5	14	14	14	14	15	15	15	14	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15
6	15	16	15	15	15	16	19	18	16	15	15	15	14	14	14	14	15	14	14	14	14	15	15	15	15
7	14	15	15	15	15	15	15	15	15	16	16	16	17	16	16	15	15	15	15	14	14	15	16	16	15
8	15	15	15	15	15	15	15	14	14	15	15	15	15	14	14	14	14	14	14	15	15	14	14	14	15
9	15	14	15	15	15	15	15	15	15	14	15	15	15	15	15	14	14	14	14	15	14	15	14	14	15
10	14	14	14	14	14	14	14	14	14	13	13	13	15	14	14	14	15	15	15	14	15	15	15	15	14
11	15	15	15	15	15	15	15	15	15	15	15	14	14	-	14	14	14	14	14	14	15	15	15	15	15
12	16	15	15	15	16	16	17	16	16	15	15	16	16	16	15	15	15	15	14	14	14	15	15	15	15
13	15	14	14	15	15	15	15	15	15	14	14	14	15	15	15	15	15	15	15	15	14	15	15	14	15
14	15	15	15	15	15	15	15	15	15	15	-	15	15	15	15	15	15	15	15	15	15	15	15	15	15
15	15	14	14	14	14	15	14	14	14	14	14	14	15	15	15	15	15	15	14	14	14	14	14	13	14
16	14	14	15	15	15	15	15	15	15	15	15	15	14	****	13	13	13	14	14	13	13	13	14	14	14
17	13	14	14	15	15	15	15	15	14	14	14	14	14	14	14	14	15	15	14	14	15	15	14	14	14
18	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	14	15	15	15	15	16	16	16	15
19	15	19	19	17	17	17	16	15	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15	14	16
20	15	15	15	15	14	14	14	14	15	14	14	14	14	14	14	13	14	14	14	14	14	14	14	15	14
21	17	15	15	15	15	16	15	15	15	14	15	15	14	-	14	14	14	13	13	14	14	14	14	15	15
22	16	15	15	23	17	19	18	17	16	15	14	15	15	15	15	15	16	15	15	15	15	15	15	15	16
23	15	14	15	15	15	15	15	14	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14
24	16	16	15	17	15	16	15	15	14	15	15	14	15	14	15	14	14	14	15	14	14	15	15	14	15
25	14	14	15	15	15	15	15	15	15	15	15	13	14	14	14	14	15	14	14	14	14	15	15	15	15
26	15	16	16	17	19	23	23	18	17	15	14	14	15	15	15	15	15	15	15	16	17	16	16	16	16
27	15	15	15	16	16	16	15	16	15	15	15	14	15	15	15	15	15	15	15	15	14	14	14	14	15
28	14	15	14	15	15	15	16	16	16	15	16	16	15	15	15	15	15	15	16	16	16	15	14	15	15
29	15	15	15	15	15	15	14	14	14	14	14	14	15	15	15	15	15	14	15	15	17	17	17	15	15
30	15	16	16	15	15	15	15	15	15	15	16	15	15	15	16	14	15	15	14	15	16	17	18	19	15
MEAN	15	15	15	15	15	16	16	15	15	15	15	15	15	15	15	14	15	15	14	14	15	15	15	15	14.9

PERCENTAGE OF DATA VALID - 90.7 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 9.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	25	17	15	15	16	16	16	16	15	14	-	-	-	15	16	17	16	16	16	16	16	16	16	17
2	15	15	16	17	17	17	17	15	15	15	14	14	14	14	15	14	14	13	-	-	-	-	-	-	15
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	14	14	14	14	14	14	14	15	14	14	14	15	14	******
6	13	14	15	15	15	16	15	15	15	15	15	14	13	14	15	15	15	15	15	15	15	15	16	17	15
7	16	16	15	16	16	16	16	14	14	13	13	14	15	15	15	15	15	15	14	14	14	15	15	16	15
8	15	15	15	15	14	14	14	14	14	-	14	14	15	14	14	15	14	14	14	15	14	15	15	14	14
9	14	15	15	14	15	14	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	16	17	20	15
10	17	16	18	16	16	17	19	15	14	14	15	14	14	14	15	15	15	16	15	15	15	15	15	14	15
11	14	14	14	14	14	14	14	14	14	14	15	15	16	15	15	14	15	14	14	14	15	15	15	15	14
12	16	15	16	17	18	17	16	16	16	14	15	15	15	15	15	14	14	15	15	15	16	16	18	19	15
13	16	16	16	15	14	14	14	14	14	14	14	14	14	14	15	14	15	15	15	16	15	15	15	15	15
14	16	15	15	16	16	15	15	15	15	15	15	14	15	14	14	15	15	15	15	14	14	15	15	14	15
15	14	14	14	14	14	15	15	14	14	13	-	14	14	14	14	14	15	14	14	14	15	15	15	15	14
16	16	15	15	15	16	17	16	15	15	14	14	14	14	14	14	14	14	14	14	14	17	18	16	15	15
17	16	16	16	15	15	16	16	16	15	15	15	14	14	13	13	14	14	14	14	14	14	14	14	14	15
18	15	16	16	15	15	16	16	16	16	15	16	15	15	15	13	14	14	14	14	14	15	14	15	15	15
19	16	15	15	15	15	15	15	15	14	15	15	15	14	15	15	15	14	14	14	15	15	16	21	27	16
20	25	22	21	19	17	17	16	16	16	15	14	15	14	13	14	14	14	14	14	14	15	15	16	18	16
21	17	15	15	15	16	16	16	15	15	14	14	14	14	15	15	15	15	14	15	16	16	16	18	16	15
22	16	16	16	15	15	16	17	16	15	13	14	15	15	15	14	14	14	14	15	15	18	25	25	17	16
23	17	18	24	21	19	21	18	15	16	14	15	15	14	13	-	13	13	13	16	18	17	16	16	15	16
24	21	17	17	17	21	20	19	18	16	15	15	14	15	15	15	15	14	15	15	15	18	19	17	15	17
25	16	15	14	16	16	15	14	14	13	13	13	13	13	14	13	14	14	14	14	14	14	14	14	14	14
26	14	15	15	15	15	16	15	14	13	13	-	14	14	14	14	14	14	14	14	15	15	15	15	15	14
27	14	14	14	15	15	14	15	14	15	15	14	14	14	15	15	14	14	14	14	15	14	14	14	14	14
28	14	14	16	16	18	21	16	16	16	14	14	14	13	14	14	14	14	14	15	15	15	15	15	16	15
29	15	15	15	16	16	15	15	15	15	15	14	15	15	14	14	15	15	15	15	15	15	16	17	19	15
30	17	15	16	16	17	16	17	17	16	16	15	15	14	14	14	14	15	14	14	14	15	14	14	14	15
31	13	14	14	14	14	14	15	15	15	15	15	14	14	14	13	14	14	14	14	14	14	14	14	14	14
MEAN	16	16	16	16	16	16	16	15	15	14	14	14	14	14	14	14	14	14	15	15	15	16	16	16	15.1

PERCENTAGE OF DATA VALID - 90.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 9.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	13	14	13	13	14
2	14	14	14	14	14	15	15	15	15	14	14	14	15	15	-	16	16	16	16	16	16	16	16	16	15
3	18	18	16	16	15	14	14	15	16	16	16	16	15	15	15	15	15	15	15	14	14	14	15	15	15
4	15	15	15	15	15	15	15	14	14	14	14	14	15	15	15	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	15	15	16	15	15	15	15	16	******
7	16	16	16	16	16	16	16	16	16	16	16	15	16	16	16	16	16	16	16	16	*****	*****	16	16	16
8	16	15	15	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	15
9	15	16	15	16	17	16	15	15	15	15	15	14	15	15	16	15	15	15	15	15	15	15	15	15	15
10	16	16	15	14	15	15	15	15	15	15	14	15	15	14	14	14	14	15	15	15	16	15	15	15	15
11	15	16	18	15	15	16	16	15	15	15	15	15	14	14	15	15	14	15	15	15	15	15	15	15	15
12	16	17	18	21	18	19	19	17	15	15	-	-	15	15	16	15	15	15	15	15	13	15	16	17	16
13	17	18	19	19	19	17	16	15	15	15	15	15	16	15	15	15	15	15	15	16	16	16	18	18	16
14	21	20	22	21	18	17	17	18	17	17	17	17	17	17	17	17	16	16	17	19	17	17	17	19	18
15	19	16	18	20	17	17	17	16	16	15	16	16	16	16	17	16	15	15	15	15	15	15	15	16	16
16	15	16	16	16	15	15	15	15	15	15	15	14	15	14	14	15	15	15	15	16	15	15	15	16	15
17	16	16	16	16	16	15	15	15	15	15	15	15	15	15	14	14	15	15	15	15	16	17	16	21	16
18	15	15	15	15	16	17	16	16	16	16	15	15	16	16	16	16	15	16	16	17	18	17	17	17	16
19	16	18	19	18	18	17	16	16	16	15	15	15	16	15	15	15	15	15	16	15	14	15	15	15	16
20	16	15	14	14	15	14	15	14	14	14	14	14	14	-	15	15	15	15	15	15	15	16	15	15	15
21	15	15	15	15	15	15	14	15	14	14	13	13	15	15	15	15	14	15	15	14	15	16	18	20	15
22	18	17	20	20	20	17	16	16	15	16	15	14	15	14	14	14	14	14	15	16	16	16	17	17	16
23	16	16	16	16	16	16	16	16	15	16	16	15	15	15	****	8	9	9	10	11	11	12	14	17	14
24	19	20	18	20	22	18	19	18	17	16	16	15	15	15	15	15	16	16	17	18	21	21	21	21	18
25	26	23	23	26	25	23	25	16	15	15	16	16	16	16	15	15	14	15	15	17	17	17	17	17	18
26	18	17	18	15	16	16	15	15	16	16	16	15	15	15	14	14	14	14	14	15	14	14	14	15	15
27	16	19	19	16	16	16	16	16	15	15	15	-	14	15	15	15	15	15	15	15	15	15	16	16	16
28	15	16	15	15	15	15	15	15	15	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	17	17	17	17	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	17	15.6

PERCENTAGE OF DATA VALID - 83.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 15.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	17	18	19	21	19	******
5	17	16	16	16	15	15	15	16	16	17	16	15	15	15	15	15	14	15	15	15	14	15	15	15	15
6	15	15	15	15	16	16	15	15	14	15	15	15	15	15	15	14	15	15	15	15	15	16	16	16	15
7	16	16	18	18	18	17	17	15	15	14	14	14	14	14	14	14	14	14	15	15	15	16	15	15	15
8	15	16	16	15	15	15	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15
9	15	15	15	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	17	18	17	16
10	28	26	22	22	22	22	17	16	15	-	15	15	15	15	15	15	15	15	15	16	17	18	16	16	18
11	16	16	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	15	14	14	15	15
12	15	15	15	15	16	16	16	15	14	15	14	14	14	14	14	14	15	15	14	15	15	17	15	15	15
13	18	18	16	16	17	18	16	16	15	14	14	13	15	14	14	14	14	15	14	15	16	15	19	17	16
14	16	16	16	16	17	17	15	14	14	14	15	14	14	14	14	15	15	15	15	15	16	16	16	17	15
15	17	19	17	17	17	16	17	17	17	17	-	16	15	15	15	15	14	15	16	16	16	15	15	15	16
16	15	15	16	16	17	15	16	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	16	15	15
17	16	16	16	15	14	14	15	15	14	14	14	13	13	14	14	13	13	14	14	14	14	15	15	14	14
18	14	15	15	14	15	16	17	15	14	14	14	13	14	14	14	14	14	15	14	15	15	16	17	20	15
19	17	17	17	16	15	16	16	16	15	15	15	16	15	15	14	14	14	15	15	15	15	15	15	16	15
20	16	16	15	15	15	15	15	16	16	16	15	15	13	13	16	16	15	15	15	15	15	15	14	14	15
21	15	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	14	14	14	15	15	15	15
22	15	15	15	15	15	15	14	14	14	14	15	14	14	14	14	14	14	14	15	15	15	15	14	15	15
23	14	15	15	15	14	15	15	15	14	-	15	14	14	14	14	15	15	14	14	14	14	15	15	16	15
24	16	16	16	18	18	17	17	16	16	15	15	15	14	14	14	15	14	15	15	14	14	19	17	14	16
25	15	16	22	17	18	16	18	15	14	14	14	14	14	14	14	14	14	14	14	17	16	19	16	17	16
26	17	17	16	17	18	18	20	16	16	15	15	15	15	15	15	15	15	15	14	15	15	15	17	17	16
27	18	18	17	17	17	17	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16
28	15	15	16	16	16	17	16	15	16	16	15	15	16	16	16	15	16	16	16	14	14	15	15	15	16
29	16	16	16	15	15	15	15	15	14	14	15	15	14	14	14	15	15	15	14	15	16	15	15	16	15
30	16	15	16	16	16	17	17	16	16	14	14	14	14	14	14	14	14	14	14	14	15	18	16	19	15
31	21	17	19	19	21	20	21	17	15	14	14	14	14	14	14	15	14	14	14	15	14	14	15	15	16
MEAN	16	16	16	16	16	16	16	15	15	15	15	14	14	14	15	15	15	15	15	15	15	16	16	16	15.3

PERCENTAGE OF DATA VALID - 88.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 12.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	17	17	17	18	16	16	16	16	15	-	14	14	15	15	16	16	15	15	15	15	15	15	16
2	23	18	15	15	17	17	16	16	15	15	15	14	14	14	14	14	13	14	15	15	15	16	15	14	15
3	15	15	15	14	14	14	15	15	15	15	15	15	16	15	16	15	15	15	16	15	15	18	16	17	15
4	17	17	17	17	19	19	20	17	16	15	14	15	14	14	13	13	13	14	14	14	14	15	16	15	16
5	16	16	16	16	16	15	15	15	14	15	15	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6	- DATA INVALID -																								
7	****	****	****	****	****	****	****	****	****	****	-	15	15	15	14	13	14	14	14	14	14	14	17	15	******
8	17	17	17	17	17	19	18	15	15	15	15	15	15	15	14	14	14	14	14	14	15	16	15	15	16
9	15	14	14	13	14	14	14	14	13	13	13	13	13	13	13	13	14	13	14	14	15	16	16	16	14
10	16	16	17	17	17	17	17	16	16	15	15	15	15	15	15	15	15	14	14	15	15	15	15	15	16
11	16	15	15	15	15	15	15	15	16	15	14	15	14	14	13	14	14	14	15	15	15	15	14	14	15
12	14	15	15	15	16	15	15	14	15	15	15	15	14	14	14	14	15	15	15	15	15	15	15	15	15
13	16	16	16	16	16	15	15	15	14	15	15	14	14	15	14	14	14	14	14	15	14	15	15	16	15
14	16	17	15	16	15	16	15	14	14	14	14	14	14	14	15	14	14	15	14	15	15	15	15	15	15
15	15	15	16	15	15	15	15	15	14	-	14	14	13	13	13	14	14	14	14	14	14	14	14	15	14
16	15	15	15	15	15	15	15	15	15	14	14	14	14	15	15	15	15	15	15	15	15	16	16	17	15
17	17	17	17	20	18	17	17	16	16	15	14	14	14	14	15	15	15	15	15	15	15	15	15	15	16
18	15	15	14	15	15	15	15	15	15	16	16	16	-	17	17	17	17	16	16	16	16	16	16	16	16
19	16	16	15	15	15	16	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20	- DATA INVALID -																								
21	****	****	****	****	****	****	****	****	****	****	16	17	17	16	16	16	15	15	15	16	16	15	15	15	******
22	15	15	15	15	15	15	15	15	15	15	15	16	15	15	15	15	15	16	15	16	15	15	15	15	15
23	15	16	15	15	16	16	17	16	15	14	14	14	13	14	14	14	14	14	14	15	16	16	16	16	15
24	17	18	19	18	17	17	17	18	16	15	15	15	15	14	14	14	14	14	15	16	15	15	18	19	16
25	19	21	24	21	20	17	18	17	-	-	14	14	15	15	14	14	14	13	13	14	14	15	16	15	16
26	15	15	16	16	15	16	16	17	15	14	14	15	15	15	15	15	15	15	15	15	15	15	15	16	15
27	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	15	15	16	16	16	16	17	15
28	16	17	16	16	16	15	15	14	14	14	13	14	14	14	14	14	14	14	13	13	14	14	14	14	14
29	15	15	15	15	16	15	15	15	15	15	15	15	15	16	16	15	15	15	16	15	15	15	15	15	15
30	15	15	16	17	17	19	20	19	16	14	14	14	14	14	14	-	-	-	-	-	-	-	-	-	******
31	- DATA UNAVAILABLE -																								
MEAN	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15.2

PERCENTAGE OF DATA VALID - 81.6 PERCENTAGE OF DATA INVALID - 13.2 PERCENTAGE OF DATA UNAVAILABLE - 5.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	-	13	14	14	14	14	14	14	14	16	16	24	20	16	******
3	17	18	16	15	16	16	16	16	15	15	14	14	14	14	14	14	14	14	14	15	16	17	18	19	15
4	20	21	20	22	21	21	20	20	15	15	15	15	15	15	15	16	16	15	17	17	16	16	15	16	17
5	15	15	15	15	15	15	16	16	15	15	14	14	14	15	14	14	14	14	15	25	19	20	16	17	16
6	24	23	20	21	19	28	22	18	17	17	17	16	14	14	14	14	13	13	15	14	14	15	15	15	17
7	15	15	15	15	15	15	15	15	14	14	14	14	14	14	15	14	14	14	14	15	19	19	16	17	15
8	17	17	18	18	17	18	18	18	16	15	14	13	15	14	14	15	15	15	15	16	16	18	20	21	16
9	21	20	25	28	21	18	15	14	15	16	16	16	15	15	14	14	14	14	14	15	15	15	15	15	17
10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	31	15
11	32	16	16	16	15	15	15	15	15	14	14	15	15	15	-	14	14	14	15	15	16	15	15	16	16
12	16	19	16	16	16	16	16	15	15	16	14	15	15	15	15	15	14	15	15	15	15	15	15	15	15
13	15	15	15	15	15	16	17	16	16	15	15	15	16	15	15	15	15	16	16	16	16	15	15	14	15
14	14	14	15	16	16	16	15	14	14	14	15	14	14	14	14	15	15	15	16	16	15	15	15	15	15
15	15	15	16	14	15	15	15	15	15	14	15	15	15	14	14	15	14	14	14	15	16	16	16	16	15
16	15	15	16	18	20	15	14	14	15	15	15	15	15	15	15	15	15	16	16	16	17	16	15	15	16
17	15	16	16	15	16	15	15	15	15	15	14	14	15	15	14	14	14	14	14	16	16	15	15	14	15
18	15	15	15	16	16	15	14	14	14	14	15	16	15	14	15	15	15	15	15	16	15	18	19	19	15
19	18	17	15	15	16	16	16	15	16	16	15	15	15	-	-	15	15	14	15	15	16	16	16	21	16
20	18	15	15	16	17	17	16	16	17	17	16	16	15	15	15	15	15	14	15	16	16	16	16	16	16
21	16	20	19	21	16	15	15	15	15	14	15	14	15	15	15	14	14	14	14	14	14	15	15	14	15
22	15	15	15	15	15	15	16	15	15	16	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15
23	14	14	14	14	15	15	15	14	15	15	14	14	14	14	14	14	14	14	14	14	16	15	14	14	14
24	15	14	15	15	15	15	17	16	16	15	16	15	14	15	15	15	15	16	16	15	15	15	14	15	15
25	16	16	16	16	16	16	16	16	16	16	16	16	15	14	14	14	14	15	15	16	16	15	14	15	15
26	14	15	15	15	15	15	14	14	14	14	-	14	15	15	15	16	15	15	15	16	16	15	15	15	15
27	15	15	15	15	15	15	16	16	15	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15
28	16	15	15	15	16	17	18	17	15	14	14	14	14	15	15	14	15	15	16	16	16	16	17	17	16
29	16	16	16	16	15	15	15	15	15	15	15	15	14	14	14	14	14	14	15	16	20	20	18	19	16
30	19	16	16	15	15	15	15	15	15	16	15	15	15	15	15	15	13	15	16	17	17	16	16	15	16
MEAN	17	16	16	17	16	16	16	15	15	15	15	15	15	15	14	15	14	15	15	16	16	16	15	17	15.5

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 5.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	16	15	15	16	15	15	15	-	15	14	14	14	15	15	15	16	14	14	16	16	16	15
2	14	14	14	14	14	14	14	14	14	14	14	15	14	14	14	14	14	15	14	14	14	14	15	15	14
3	16	17	18	19	18	17	15	15	15	15	15	16	14	15	15	15	14	15	15	14	15	15	15	15	16
4	15	16	17	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	14	14	14	15
5	15	15	15	15	15	14	14	15	15	14	14	15	14	15	15	15	15	15	15	16	19	17	16	15	15
6	16	16	17	17	20	19	18	16	16	15	15	16	16	16	15	16	15	15	16	15	15	15	15	16	16
7	15	15	15	15	19	16	16	16	15	15	-	14	14	14	15	15	14	14	15	15	15	16	16	16	15
8	15	16	16	16	15	16	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	15	15	14	15	15	15	******
10	16	16	16	16	15	15	16	16	16	16	15	15	13	14	13	13	12	13	14	15	16	15	15	15	15
11	15	15	15	15	15	15	15	14	14	14	14	15	14	14	14	13	14	14	14	14	14	14	15	14	14
12	14	14	15	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14
13	14	14	14	14	13	13	13	14	14	14	14	14	13	14	14	13	13	14	14	14	14	13	12	12	14
14	13	12	14	14	13	13	13	12	12	13	13	12	13	13	13	14	14	13	14	14	14	13	14	14	13
15	13	13	14	14	15	15	14	14	14	15	14	13	14	14	14	14	13	14	14	14	14	14	15	14	14
16	13	13	14	14	15	15	15	15	15	15	15	14	13	14	14	15	14	14	14	13	13	13	14	14	14
17	14	14	15	17	17	17	16	14	14	15	14	14	****	****	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30	****	****	****	****	****	****	****	****	****	****	-	10	10	11	11	11	10	11	11	10	10	10	10	10	******
31	10	10	10	10	10	10	10	11	11	11	10	10	10	10	9	9	8	7	8	8	9	8	9	9	9
MEAN	14	14	15	15	15	15	15	14	14	14	14	14	13	14	14	14	13	14	14	14	14	14	14	14	14.2

PERCENTAGE OF DATA VALID - 53.5 PERCENTAGE OF DATA INVALID - 41.7 PERCENTAGE OF DATA UNAVAILABLE - 4.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	10	10	10	10	10	10	10	11	10	10	10	10	10	10	10	11	11	11	11	10	10	10	10
2	10	10	10	10	9	10	9	9	9	8	8	7	8	9	9	9	10	10	10	10	11	10	12	12	10
3	13	12	12	10	10	10	10	11	11	11	11	11	10	11	12	12	12	12	11	11	11	11	11	11	11
4	9	9	9	8	9	9	10	9	10	10	10	10	10	10	10	-	11	10	10	10	10	10	10	10	10
5	11	10	10	10	10	10	10	10	10	9	9	10	10	10	10	9	9	10	9	10	10	10	11	11	10
6	10	10	10	10	10	10	10	10	11	10	10	10	10	11	11	11	10	10	10	10	10	10	11	11	10
7	10	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	12	12	11	11	11	11	11
8	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	12	11	11	12	13	13	13	13	12	11
9	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	11	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	11	11	10	10	9	10	10	11	10	11	11	10	10	10	10	10	10	10
11	9	9	9	9	10	9	10	9	9	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	11	11	10	11	11	11	11	11	11	12	12	12	12	11
13	12	12	12	11	10	10	11	10	11	11	11	-	-	10	10	11	11	11	12	11	11	11	11	11	11
14	12	11	11	12	11	12	11	12	11	11	11	10	10	10	11	10	11	12	11	10	10	10	10	11	11
15	10	10	10	10	9	9	9	9	10	9	9	9	10	10	10	10	11	11	11	11	11	10	11	11	10
16	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	10	11	12	11	13	11	11	11
17	11	11	11	11	11	11	11	10	10	10	10	11	11	10	10	10	10	10	10	10	10	10	11	11	10
18	11	11	11	11	10	11	10	10	10	10	10	11	10	10	10	10	10	11	11	10	10	10	10	10	10
19	10	10	10	10	9	9	9	10	10	9	9	10	10	10	11	-	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	****	****	-	-	12	12	12	12	13	13	13	13	13	12	13	******
26	12	12	12	12	12	13	13	13	12	12	12	11	12	11	11	11	11	12	13	13	13	13	12	13	12
27	13	13	13	13	14	14	14	13	13	13	13	13	12	13	13	12	13	13	13	13	13	13	14	13	13
28	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	13
29	12	12	12	12	11	11	12	11	11	12	12	12	12	12	12	11	12	12	12	12	12	11	11	12	12
30	12	12	12	11	11	11	12	12	12	12	12	12	12	12	12	13	12	12	12	12	12	13	12	12	12
MEAN	11	11	11	11	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10.8

PERCENTAGE OF DATA VALID - 79.9 PERCENTAGE OF DATA INVALID - 19.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	12	13	14	14	14	14	14	14	14	14	16	15	14	-	20	20	17	15	15	14	14	15
2	14	14	15	15	15	15	16	14	13	14	13	13	13	13	13	14	13	12	12	12	11	11	12	12	13
3	12	12	12	12	12	12	12	11	11	12	12	12	13	13	13	13	13	13	13	14	14	14	13	13	13
4	12	12	14	14	13	14	13	13	13	13	12	12	13	13	13	14	14	14	14	14	13	13	14	14	13
5	13	14	13	13	13	13	14	13	13	13	13	14	13	12	13	13	13	13	13	13	13	13	13	13	13
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7	14	14	14	15	15	16	15	16	15	16	17	18	16	15	14	14	14	13	14	14	14	14	14	14	15
8	14	14	14	14	14	13	13	14	13	13	13	12	13	13	13	13	14	14	13	13	12	13	13	12	13
9	13	13	12	12	12	12	12	12	12	12	11	12	12	12	-	****	****	****	****	****	****	****	****	****	******
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12	12	12	12	12	12	13	11	11	11	******
17	12	12	12	12	12	11	12	12	12	11	12	12	12	11	11	12	12	12	12	13	13	13	13	12	12
18	-	-	-	-	-	-	-	-	-	-	-	-	13	13	12	13	12	13	13	13	12	13	12	13	******
19	12	12	12	12	12	12	12	12	12	12	12	12	13	12	12	12	-	12	13	12	12	12	12	12	12
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21	13	12	12	12	13	12	12	11	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	12
22	13	12	12	15	17	16	15	14	15	15	14	13	13	13	13	13	12	12	13	13	13	13	14	15	14
23	15	15	15	15	15	15	15	15	14	13	-	-	14	15	15	14	14	14	14	13	13	13	13	13	14
24	14	14	13	13	13	13	13	13	14	14	13	13	12	13	13	13	13	12	13	13	13	12	12	13	13
25	12	13	14	14	14	14	14	15	14	14	13	13	13	13	13	13	14	13	14	14	13	13	13	14	14
26	13	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	14	13	13	13	14
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28	17	17	18	19	20	20	20	21	21	17	14	14	14	15	15	15	15	14	14	14	15	15	15	15	16
29	15	19	19	15	14	16	15	15	16	15	15	15	15	15	15	-	14	14	15	14	14	13	13	14	15
30	14	14	13	13	12	13	13	12	13	12	13	14	13	13	13	13	13	13	14	14	15	14	14	13	13
31	14	14	14	14	13	13	12	12	12	13	13	13	11	12	12	12	11	12	13	13	12	13	12	12	13
MEAN	13	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14	13	13	13	13	13.4

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 18.8 PERCENTAGE OF DATA UNAVAILABLE - 5.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	16.3	18	26
FEB	25	15.9	18	21
MAR	23	16.0	18	28
APR	27	14.9	16	23
MAY	28	15.1	17	27
JUN	24	15.6	18	26
JUL	27	15.3	18	23
AUG	23	15.2	16	24
SEP	28	15.5	17	32
OCT	15	14.2	16	20
NOV	23	10.8	13	14
DEC	22	13.4	16	21
YEAR	275	14.8	18	32

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - METHANE UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	256	5	0	0	0	0	0	261
FEB	0	615	6	0	0	0	0	0	621
MAR	6	574	8	0	0	0	0	0	588
APR	0	650	3	0	0	0	0	0	653
MAY	0	655	17	0	0	0	0	0	672
JUN	4	574	25	0	0	0	0	0	603
JUL	0	641	14	0	0	0	0	0	655
AUG	0	599	8	0	0	0	0	0	607
SEP	0	648	31	2	0	0	0	0	681
OCT	29	368	1	0	0	0	0	0	398
NOV	282	293	0	0	0	0	0	0	575
DEC	0	553	7	0	0	0	0	0	560
YEAR	321	6426	125	2	0	0	0	0	6874

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78.3	7	11.8	13.6	14.4	15.1	16.6	17.5	18.9	20.3	32	14.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	18	18	17	15	15	15	15	15	15	15	14	8	6	5	2	0	4	10	11	9	13
2	7	7	6	5	7	4	4	3	3	4	4	4	4	4	****	14	15	15	16	14	15	16	17	18	9
3	20	20	19	19	19	18	19	17	17	17	17	17	18	18	18	18	18	16	9	7	8	12	9	10	16
4	10	11	11	11	11	11	9	7	6	8	12	15	14	11	11	10	8	3	6	6	6	7	14	10	10
5	10	9	9	12	13	14	14	14	13	14	15	16	19	19	20	21	18	8	11	12	14	13	13	13	14
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7	9	9	10	11	14	16	14	11	10	11	11	13	13	13	13	14	12	11	12	14	15	15	15	15	13
8	16	16	16	16	16	16	16	16	15	14	14	13	14	16	18	19	19	18	16	14	14	14	16	16	16
9	19	18	16	16	17	17	17	16	16	16	16	16	19	19	20	18	18	17	18	16	14	10	11	11	16
10	11	10	6	5	7	9	9	8	13	14	16	16	15	15	7	7	9	9	5	0	0	0	0	2	8
11	7	8	11	15	15	16	16	16	16	16	16	16	14	14	15	17	17	16	14	14	15	16	17	18	15
12	19	19	18	18	16	18	18	19	19	19	19	20	20	20	20	13	11	13	12	12	10	9	9	9	16
13	9	8	4	5	6	6	7	8	8	9	9	8	6	5	3	2	0	0	0	2	4	5	6	6	5
14	5	5	4	3	3	2	2	4	4	4	5	6	6	8	9	11	11	9	6	6	7	9	10	10	6
15	11	11	10	11	8	8	9	6	4	5	10	13	15	14	14	12	9	3	9	7	4	6	9	12	9
16	16	15	12	7	5	7	8	9	9	9	10	9	10	10	9	11	8	3	2	3	3	4	2	1	8
17	1	1	0	0	0	0	0	0	2	3	3	3	4	2	3	5	5	1	0	0	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	2	3	8	****	11	10	10	10	9	7	12	13	12	11	12	6
19	13	13	14	13	13	13	15	16	13	13	11	12	13	12	13	14	15	14	15	15	15	18	18	18	14
20	18	16	15	16	16	17	18	19	19	19	20	20	20	20	20	20	20	19	18	18	17	14	16	17	18
21	17	18	18	18	18	16	15	14	12	14	16	16	18	18	17	16	15	6	6	6	3	2	1	0	13
22	2	5	5	5	6	10	11	9	6	5	4	3	3	4	4	4	4	5	5	5	5	6	8	11	6
23	15	15	15	16	16	17	17	18	19	18	22	24	24	24	24	26	26	26	26	26	26	26	26	26	22
24	27	27	26	26	26	25	25	20	15	15	17	22	25	25	25	21	21	18	6	7	4	5	11	16	19
25	12	11	11	12	13	12	9	4	7	11	14	16	20	20	20	22	21	15	18	26	26	26	26	27	17
26	29	28	26	27	26	26	26	25	23	24	24	24	26	27	27	26	25	25	25	24	22	22	22	20	25
27	23	22	18	17	17	18	17	16	15	18	22	27	29	29	29	26	23	25	17	16	18	19	20	23	21
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29	11	13	12	11	14	17	16	16	16	17	18	20	22	22	21	23	24	19	10	16	17	20	20	23	17
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31	17	23	25	24	24	24	23	23	23	25	27	28	29	29	29	28	28	27	26	26	25	24	24	25	25
MEAN	14	14	13	13	14	14	14	13	13	13	15	16	17	16	17	16	15	13	12	12	12	12	13	13	13.9

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	27	26	27	26	26	26	26	24	24	25	28	29	29	29	29	28	27	26	27	25	25	22	25	26
2	26	25	21	21	22	22	20	18	16	19	22	26	28	28	29	30	29	29	28	28	27	28	29	29	25
3	30	27	27	26	25	26	25	25	26	26	27	29	30	29	28	28	28	27	27	27	27	26	26	25	27
4	25	24	24	25	25	26	26	25	23	22	23	25	27	29	29	29	27	25	23	19	17	18	19	24	24
5	28	23	22	19	18	15	12	3	2	14	16	22	35	40	40	30	20	11	9	14	23	24	17	18	20
6	17	17	19	20	10	3	4	6	9	11	12	17	21	22	23	22	17	16	11	11	24	23	21	23	16
7	23	23	23	21	21	21	23	18	15	16	22	25	30	30	31	29	26	24	22	21	21	19	12	10	22
8	18	16	9	5	7	9	4	2	2	7	10	23	29	33	34	33	31	20	10	7	4	1	5	8	14
9	6	4	6	6	11	15	18	19	21	21	24	27	32	33	34	35	33	31	30	28	25	23	21	19	22
10	13	12	15	15	10	10	14	14	15	19	25	26	31	31	34	34	34	30	25	25	24	25	24	26	22
11	28	29	30	26	24	22	22	21	22	26	27	28	29	29	29	34	34	32	25	26	24	26	26	24	28
12	25	25	25	25	25	26	25	25	24	24	27	30	32	33	33	33	33	28	25	25	24	21	19	11	26
13	14	12	9	11	9	6	4	6	11	****	19	23	27	27	25	26	26	21	20	23	23	16	11	9	16
14	7	8	9	11	13	15	18	20	28	33	34	33	33	35	35	36	35	32	9	1	1	4	9	12	20
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17	30	30	31	31	30	30	30	29	29	29	31	32	38	39	39	38	34	34	34	33	28	24	21	21	31
18	15	15	17	18	19	17	18	19	22	24	27	29	34	37	37	37	36	38	36	32	27	24	20	27	
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22	23	24	27	27	26	25	23	22	18	16	13	10	7	6	7	8	13	16	20	22	23	24	25	25	19
23	26	25	25	25	26	25	23	23	24	24	26	27	28	28	28	29	29	26	23	21	18	15	11	7	23
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26	26	27	27	26	26	25	25	23	23	25	25	25	29	29	30	30	28	25	21	21	26	27	28	29	26
27	27	23	19	17	17	15	14	14	17	24	26	26	27	28	28	28	28	28	29	29	29	29	29	29	24
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29	29	28	27	27	26	25	22	22	22	23	24	26	27	27	27	28	28	28	27	26	24	23	22	20	25
MEAN	20	20	21	20	20	19	19	18	20	22	24	26	29	29	29	29	27	25	22	22	22	21	20	20	22.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	22	22	22	21	19	17	18	26	29	29	30	30	31	31	31	30	26	21	18	9	6	8	22
2	17	21	23	24	26	26	26	23	22	24	25	28	30	30	31	31	32	32	31	27	25	25	24	17	26
3	15	13	10	9	9	7	7	10	13	18	22	25	28	30	32	29	31	32	35	36	28	25	28	31	22
4	27	26	23	20	18	14	12	11	14	17	20	21	23	25	29	29	28	27	23	19	19	18	16	16	21
5	21	20	20	17	16	15	12	13	14	17	17	21	27	27	27	32	33	34	34	34	35	35	34	34	25
6	32	29	30	29	29	27	24	21	21	27	31	32	35	34	32	34	34	34	32	31	30	29	27	25	30
7	24	24	24	22	21	21	22	12	7	14	23	34	39	43	46	50	43	45	39	40	43	45	43	38	32
8	31	25	19	16	16	14	10	10	12	17	18	25	31	34	39	42	43	43	43	42	41	40	38	34	28
9	34	34	33	31	27	25	21	18	17	21	28	44	41	48	57	69	72	59	54	49	39	35	35	33	39
10	-	-	-	-	-	-	-	-	-	****	31	37	43	42	34	32	30	28	29	36	37	35	34	34	******
11	33	33	33	33	32	32	31	31	32	31	30	30	31	31	31	32	32	31	31	32	32	31	31	31	32
12	30	30	30	30	29	28	23	18	24	27	29	31	32	34	38	41	43	40	36	35	26	10	5	19	29
13	26	29	30	27	28	26	24	25	26	27	28	27	27	27	26	25	22	20	20	20	20	20	18	14	24
14	17	15	14	16	20	22	26	27	28	28	29	32	32	34	35	36	37	38	38	38	37	35	34	34	29
15	35	34	32	32	32	32	31	28	30	31	32	32	31	31	31	31	32	32	27	29	27	30	31	32	31
16	30	27	21	11	13	15	16	20	22	29	30	30	30	30	30	29	29	25	23	28	23	26	35	36	25
17	35	35	35	33	28	26	25	25	25	23	22	17	20	21	21	****	20	26	27	27	29	27	28	28	26
18	31	31	31	31	32	31	30	30	31	32	33	34	38	38	41	42	44	42	37	33	31	27	22	16	33
19	14	10	6	9	14	16	18	20	23	24	24	26	31	34	35	36	36	29	24	22	24	21	17	16	22
20	19	22	23	21	21	19	20	22	25	28	33	37	40	47	48	49	49	45	38	31	26	37	39	35	32
21	31	26	21	18	16	14	13	16	29	27	27	26	26	25	****	****	****	29	30	30	30	30	30	31	25
22	33	33	33	34	33	33	32	32	32	32	33	34	34	34	34	34	35	35	33	30	22	23	24	22	31
23	21	21	16	15	23	24	21	26	27	29	32	29	27	28	31	31	31	28	25	27	23	26	24	25	25
24	27	17	16	17	17	14	12	15	14	14	18	22	21	16	12	14	13	11	2	3	11	17	18	25	15
25	27	24	22	21	22	25	28	25	25	26	26	26	26	26	26	27	30	32	32	32	32	32	33	33	27
26	32	32	32	31	29	29	29	28	30	31	31	32	32	32	34	32	31	31	29	28	25	24	23	23	30
27	20	19	19	18	17	14	11	11	17	27	28	33	37	40	39	39	40	40	36	25	19	27	18	20	26
28	19	19	19	18	18	21	17	14	16	27	29	37	37	38	36	35	32	28	21	15	13	15	28	36	25
29	39	40	39	38	34	32	30	30	30	30	31	34	36	36	36	35	35	37	37	36	33	30	28	25	34
30	28	29	30	27	28	29	28	28	29	31	37	40	44	47	47	43	41	38	37	36	35	33	33	34	35
31	36	37	36	35	35	35	29	29	27	26	26	26	19	17	17	19	22	23	23	22	20	18	19	23	26
MEAN	27	26	25	24	24	23	22	21	23	25	27	30	32	33	34	35	34	33	31	29	28	27	27	27	27.6

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	23	24	23	23	22	18	18	20	28	31	27	24	22	22	22	23	22	19	13	10	10	9	6	20
2	4	4	8	5	8	10	10	9	9	5	6	11	23	36	43	45	45	45	46	41	29	23	19	19	21
3	12	10	11	20	23	24	22	22	23	27	28	29	31	33	33	34	30	29	29	30	28	27	30	31	26
4	30	30	29	25	21	18	17	8	7	7	7	14	23	28	29	28	27	28	30	30	31	31	31	30	23
5	29	29	29	28	26	25	26	26	26	26	28	31	35	37	38	40	42	42	41	34	26	24	24	24	31
6	24	18	20	24	25	20	25	27	28	29	32	37	47	49	49	48	44	43	38	30	28	26	28	26	32
7	22	22	21	19	18	17	16	17	20	25	34	36	44	38	37	39	36	33	35	36	39	36	30	30	29
8	28	31	29	23	20	20	20	20	21	22	24	28	34	34	35	35	35	35	32	33	42	47	47	43	31
9	39	36	34	26	22	20	19	21	22	23	21	21	23	23	23	29	29	29	29	29	28	24	23	22	26
10	23	24	23	21	20	22	21	19	20	20	18	18	15	13	13	12	16	15	16	16	13	13	13	13	17
11	15	16	16	16	16	17	17	17	17	16	15	14	15	15	21	21	19	19	16	13	8	6	7	8	15
12	10	11	13	14	18	19	19	20	19	16	16	19	21	17	16	18	21	22	21	20	20	21	26	29	19
13	27	28	28	21	21	22	18	19	20	25	27	27	28	27	27	26	23	22	22	22	22	20	20	21	23
14	21	21	22	25	23	21	18	20	20	20	23	22	22	22	23	23	23	20	19	17	19	18	19	23	21
15	20	21	22	22	22	22	22	21	20	20	17	15	14	13	17	20	23	25	22	22	21	21	20	19	20
16	21	23	25	27	30	34	34	30	34	34	34	33	33	33	33	34	37	37	37	36	35	34	32	26	32
17	28	21	20	19	19	19	22	27	29	31	33	36	36	33	38	37	35	32	32	30	28	23	23	23	28
18	22	21	17	15	14	14	12	18	28	33	39	45	48	48	49	49	47	44	41	29	16	5	8	6	28
19	3	15	16	18	13	13	19	20	30	39	49	57	66	75	76	73	73	62	58	60	56	50	48	49	43
20	46	49	44	38	38	35	36	40	40	40	42	38	37	37	37	40	40	35	30	24	22	19	14	9	35
21	7	10	12	11	13	9	10	16	24	29	34	38	39	39	38	38	38	36	32	21	9	5	11	14	22
22	16	19	23	29	27	25	15	16	23	****	37	43	49	53	58	62	66	53	43	26	33	32	27	24	35
23	24	26	28	27	28	26	25	26	27	27	26	26	28	32	32	32	34	34	34	32	30	31	26	26	29
24	27	25	23	21	18	21	25	28	30	34	35	35	35	38	37	34	32	34	36	31	28	26	25	23	29
25	23	24	24	21	24	21	22	23	26	30	29	25	25	26	30	38	40	40	34	30	30	31	30	26	28
26	16	7	4	5	5	5	10	17	23	30	32	32	35	37	39	41	44	33	18	14	10	5	3	6	20
27	9	12	10	12	14	15	16	20	24	32	35	35	37	44	47	49	47	46	44	41	37	39	35	32	31
28	30	30	30	27	24	23	20	19	18	19	19	20	23	25	26	24	22	22	22	22	22	21	18	18	23
29	17	16	15	15	17	16	17	17	17	17	17	17	17	18	20	22	22	15	10	12	12	13	19	22	17
30	23	23	20	16	17	16	16	16	22	28	34	40	42	39	39	38	37	35	33	28	23	17	14	14	22
MEAN	21	22	21	20	20	20	20	21	23	25	27	29	32	33	34	35	35	33	31	27	25	23	23	22	25.9

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	18	18	19	19	16	16	14	14	18	21	26	30	29	30	28	26	26	27	26	22	15	15	14	21
2	15	14	16	19	21	18	15	14	16	22	30	30	32	36	37	40	41	39	38	31	29	20	18	6	25
3	3	3	6	13	22	17	18	29	32	35	37	38	40	41	41	40	38	28	26	27	18	14	16	12	25
4	12	5	3	5	4	10	9	21	30	34	41	43	45	50	50	46	42	41	37	32	29	32	26	27	28
5	28	24	23	23	19	19	25	29	43	46	49	52	57	58	56	54	64	53	55	51	43	31	27	28	40
6	24	25	24	23	21	19	20	21	24	26	29	30	32	32	****	34	35	36	32	32	32	23	22	27	27
7	29	32	31	30	29	25	24	23	22	22	22	23	21	22	22	21	20	21	23	22	23	19	16	14	23
8	11	12	13	13	16	17	18	18	17	21	22	23	21	22	20	25	26	27	26	23	20	21	19	17	20
9	16	18	13	17	23	21	20	24	25	26	28	29	28	28	28	30	31	31	29	28	22	18	19	15	24
10	13	11	12	13	12	14	18	23	31	39	45	47	53	56	55	55	57	53	47	53	48	47	48	48	37
11	41	38	38	38	40	44	39	38	36	36	39	40	39	40	41	42	42	41	41	31	17	16	23	21	36
12	17	16	14	11	10	10	12	15	22	27	37	42	29	49	45	41	44	44	36	27	25	15	15	25	26
13	24	25	22	25	23	18	18	24	28	32	39	40	36	40	38	36	37	34	29	29	32	26	33	29	30
14	19	32	38	35	31	24	22	22	22	23	25	26	23	28	30	33	34	34	30	25	22	20	21	20	27
15	15	13	9	7	6	3	9	17	20	****	40	42	32	36	39	41	42	41	39	33	28	22	13	7	24
16	5	11	9	10	11	9	11	21	35	37	39	39	41	45	46	45	49	49	43	27	21	16	13	20	27
17	24	23	23	27	26	22	20	22	31	40	41	47	52	54	58	56	51	54	56	58	59	57	52	49	42
18	45	44	44	42	39	37	35	34	32	33	38	41	41	44	44	42	40	38	39	40	43	44	44	43	40
19	43	43	41	37	35	32	31	35	38	43	44	50	46	48	51	54	54	49	42	35	23	18	17	22	39
20	18	9	6	7	7	4	8	16	18	22	28	44	54	57	60	61	61	62	54	39	19	17	19	17	29
21	8	5	6	4	4	8	10	17	29	0	44	46	48	54	61	65	60	56	48	50	35	29	17	23	30
22	26	25	25	20	21	20	17	26	37	46	54	57	60	62	62	64	62	61	54	38	19	16	39	37	40
23	28	28	22	17	14	7	8	16	42	51	67	73	73	89	77	71	69	67	60	35	33	40	35	28	44
24	31	22	16	17	13	15	23	16	22	30	46	57	62	61	71	72	69	63	47	44	41	42	24	30	39
25	13	16	24	23	24	24	26	27	32	35	39	41	39	42	46	46	45	42	42	41	39	39	39	38	34
26	30	27	27	24	24	21	24	28	32	35	44	44	32	30	38	36	35	35	37	34	32	30	26	27	31
27	17	16	13	12	12	21	24	32	35	34	39	39	34	30	30	33	29	41	41	38	33	30	29	25	29
28	15	24	20	21	17	17	19	22	****	29	36	34	54	59	66	67	63	50	46	39	38	30	37	37	37
29	37	28	30	29	25	18	15	20	24	38	35	39	41	46	47	56	66	68	51	31	28	32	39	45	37
30	45	41	40	36	37	31	34	31	36	46	52	54	54	50	54	59	62	61	48	32	26	26	29	31	42
31	28	34	34	35	35	33	32	32	37	41	37	40	39	35	31	30	29	27	24	22	19	18	18	19	30
MEAN	22	22	21	21	21	19	20	23	29	32	38	41	41	44	46	46	46	44	40	35	30	27	26	26	31.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	25	25	24	24	24	24	23	23	22	22	24	25	27	26	27	18	19	23	21	18	15	18	18	22
2	19	19	16	13	14	14	14	13	13	16	26	24	33	39	44	44	45	46	44	40	32	27	32	29	27
3	33	30	28	31	33	28	23	22	26	27	24	24	27	27	26	24	26	25	25	27	24	20	18	17	26
4	17	21	21	20	17	15	14	16	22	24	28	29	31	30	30	30	30	29	30	26	19	14	12	13	22
5	14	18	16	13	10	13	14	20	21	27	31	35	43	43	46	45	41	36	32	28	31	30	31	26	28
6	30	32	36	37	31	28	23	22	21	21	29	41	59	68	75	70	56	52	55	57	44	40	38	36	42
7	35	36	33	31	25	24	25	29	30	32	34	40	43	42	46	43	41	44	47	48	46	41	37	36	37
8	35	33	22	16	15	13	14	18	17	17	16	19	23	24	26	27	27	26	25	23	19	17	19	15	21
9	18	18	17	17	16	14	16	21	26	26	29	30	34	35	32	32	32	31	31	28	22	19	18	17	24
10	17	17	16	15	14	14	16	16	17	20	23	26	28	28	30	30	31	32	32	32	27	25	24	24	23
11	23	24	22	21	18	15	19	25	28	29	31	32	32	35	36	37	31	34	30	23	12	11	5	1	24
12	8	10	13	11	6	4	8	11	15	20	25	39	46	54	56	55	56	60	58	49	38	32	31	31	31
13	35	34	33	30	27	22	23	31	38	46	58	62	66	66	66	65	69	70	69	66	59	49	46	54	49
14	54	54	55	55	51	45	44	39	42	47	57	56	55	56	55	55	56	61	59	50	38	34	36	31	49
15	26	25	31	35	36	29	24	29	31	45	50	44	38	19	15	15	17	18	18	17	15	14	12	12	26
16	7	9	7	6	6	6	9	11	18	23	25	26	26	25	25	24	25	27	26	22	19	14	14	13	17
17	12	11	11	7	6	5	10	15	23	26	30	35	41	46	45	51	65	71	72	46	44	39	35	37	33
18	37	35	32	24	22	21	20	25	36	45	50	52	54	58	57	56	55	50	42	35	26	14	12	11	36
19	15	15	17	17	17	13	13	17	25	37	51	61	65	68	66	68	47	42	42	40	35	19	21	24	35
20	24	25	32	31	27	23	20	19	20	22	23	25	27	26	27	28	28	28	26	24	21	23	17	10	24
21	12	13	7	6	6	12	11	14	20	24	30	35	35	35	42	49	45	42	38	37	27	24	32	38	26
22	29	28	26	24	27	29	26	26	34	40	54	60	66	70	72	72	74	77	76	57	51	53	50	51	49
23	54	56	53	43	45	40	33	40	48	52	58	74	79	81	80	82	82	83	79	63	57	56	50	47	60
24	40	43	44	61	58	64	56	48	53	63	69	72	76	77	77	78	79	81	79	87	75	50	43	35	63
25	29	26	24	14	14	19	22	32	38	44	50	59	69	71	75	71	65	61	55	60	67	72	65	61	48
26	45	44	43	53	51	44	39	35	****	67	75	77	82	80	71	64	63	51	40	37	33	28	32	31	52
27	30	24	20	20	22	19	15	15	18	23	21	22	26	27	31	32	32	30	29	25	19	18	17	17	23
28	16	15	15	16	13	13	14	15	16	35	21	22	24	26	29	30	30	30	28	24	23	19	15	14	21
29	16	14	10	13	18	22	22	20	18	30	38	44	54	59	57	50	45	40	38	36	32	27	25	23	31
30	23	24	24	23	20	20	19	19	17	16	16	17	20	19	20	21	26	28	29	24	17	13	6	4	19
MEAN	26	26	25	24	23	22	21	23	26	32	36	40	44	45	46	46	45	44	43	38	33	29	27	26	32.9

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	11	12	15	16	14	12	14	21	36	38	42	43	46	50	52	54	58	59	59	54	52	47	43	36
2	42	37	47	37	28	24	19	18	18	20	21	21	22	25	26	29	30	30	27	20	13	9	7	4	24
3	7	9	10	10	7	4	4	8	16	30	31	32	31	32	34	39	43	46	45	33	26	20	21	22	23
4	24	24	26	28	30	32	36	44	60	85	92	89	83	83	86	84	83	79	74	63	57	56	45	44	59
5	40	62	57	62	58	48	45	38	40	41	41	42	45	49	60	65	59	46	39	35	28	26	24	23	45
6	18	15	14	15	16	13	16	18	20	20	21	23	24	24	26	26	27	27	26	21	17	7	0	0	18
7	0	1	1	0	1	4	7	11	19	25	27	32	35	34	29	34	40	52	58	57	55	52	55	51	28
8	49	44	39	36	31	25	27	30	20	36	40	39	36	34	31	30	29	29	27	24	10	7	6	6	29
9	6	6	7	5	2	4	10	19	****	18	22	26	29	27	27	23	23	24	25	19	13	11	12	6	16
10	4	4	5	6	1	1	5	19	29	38	53	56	60	64	69	88	89	90	78	64	56	50	41	36	42
11	29	30	31	30	35	30	30	37	43	47	53	58	59	55	53	46	43	38	35	32	25	16	11	8	36
12	5	1	1	1	1	2	10	15	19	22	23	24	25	20	20	20	20	20	29	17	12	9	8	8	15
13	4	1	6	7	6	4	7	10	19	21	28	31	31	34	34	36	34	34	33	28	21	5	10	9	19
14	14	17	17	17	19	20	23	36	50	51	61	64	70	70	72	75	77	70	69	59	51	47	45	49	48
15	60	56	51	50	45	42	40	38	39	43	55	68	84	86	****	****	****	****	****	****	****	****	37	32	52
16	29	25	26	19	17	13	6	9	23	23	17	14	18	24	32	38	41	45	51	49	43	47	44	50	29
17	58	49	43	39	34	30	27	24	24	18	21	23	28	29	33	****	42	40	39	38	33	21	19	16	32
18	8	8	5	6	6	6	4	9	15	19	22	28	32	35	42	46	50	52	48	42	39	36	24	23	25
19	23	29	32	36	39	42	36	35	35	37	57	70	82	88	88	90	90	80	83	82	64	55	56	54	58
20	46	35	30	26	25	26	32	38	39	43	54	56	59	56	57	58	60	74	77	75	73	73	75	74	53
21	60	56	52	42	38	31	30	30	37	23	29	36	36	39	41	46	51	51	46	43	31	29	28	23	39
22	18	15	17	18	19	18	16	14	17	19	22	24	22	16	19	23	22	17	17	16	15	14	14	13	18
23	12	11	11	10	14	13	13	13	14	15	16	15	13	13	14	15	16	17	18	16	7	4	1	1	12
24	0	0	0	0	0	0	1	4	9	16	17	20	22	24	25	29	34	41	51	52	36	30	21	17	19
25	19	17	15	14	13	13	12	14	23	36	40	44	55	74	79	82	80	75	73	70	66	56	47	45	44
26	42	35	30	25	24	26	24	22	26	27	30	39	43	41	42	46	45	37	32	30	31	29	32	34	33
27	26	15	17	18	19	19	18	19	20	27	31	38	47	47	48	49	49	46	46	45	44	49	49	43	35
28	37	38	38	37	34	32	30	27	21	18	17	17	20	15	18	24	28	32	34	26	27	30	29	31	28
29	38	39	40	43	43	40	31	26	21	22	25	30	30	34	48	42	46	48	43	40	24	13	9	13	33
30	16	11	9	3	8	9	9	15	16	17	19	20	20	22	22	22	24	24	23	22	9	5	9	7	15
31	15	12	17	23	24	24	26	24	20	20	21	24	25	31	37	40	51	57	53	50	46	40	32	27	31
MEAN	24	23	23	22	21	20	20	22	26	29	34	37	40	41	42	45	46	46	45	41	34	30	28	26	31.8

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	17	13	11	18	24	29	14	8	26	34	43	48	48	56	61	61	54	52	47	37	34	31	32	34
2	27	21	18	12	10	15	18	22	24	35	45	44	43	46	41	35	30	31	28	23	19	18	15	14	26
3	12	12	19	19	19	23	28	24	24	26	28	29	29	26	28	29	29	30	26	16	11	2	0	2	20
4	7	12	11	11	11	11	12	14	19	22	31	38	43	44	44	46	46	44	38	31	29	29	28	29	27
5	27	27	26	23	20	18	19	20	19	22	23	31	39	43	41	36	49	53	39	24	27	27	20	16	29
6	40	45	50	51	50	77	72	52	36	31	27	20	40	45	50	54	51	74	74	54	39	34	28	23	47
7	20	20	23	24	19	15	14	15	19	25	34	43	55	54	52	58	61	62	56	51	47	39	34	35	36
8	31	28	24	19	16	12	13	18	29	36	32	28	27	35	45	57	57	52	48	39	30	28	28	26	32
9	24	22	21	20	17	16	17	21	23	24	26	26	25	27	26	24	21	22	19	13	7	7	5	3	19
10	6	6	7	10	12	12	12	13	17	17	16	13	18	21	25	26	28	24	17	16	17	16	17	16	16
11	14	13	12	11	8	9	10	10	14	20	25	30	40	45	46	44	41	37	30	31	24	24	31	26	25
12	32	30	26	24	23	22	21	21	23	23	23	24	27	28	28	28	28	28	24	19	15	14	14	7	23
13	4	3	5	4	2	0	1	5	****	16	19	24	25	27	34	40	40	30	27	27	29	30	30	28	20
14	24	24	29	26	26	24	23	22	20	18	20	25	35	38	38	42	43	41	37	29	22	26	32	24	29
15	15	17	16	16	13	11	7	10	14	16	18	17	15	15	15	15	15	15	16	16	13	10	9	11	14
16	9	9	10	12	13	12	11	12	13	15	15	17	19	21	22	17	16	16	13	9	6	7	9	12	13
17	13	12	12	12	13	13	13	13	18	24	27	28	25	25	27	26	24	22	20	19	17	17	19	17	19
18	14	16	17	16	14	10	9	7	7	8	16	23	35	40	41	41	47	46	44	36	28	31	23	23	25
19	27	22	20	17	16	16	25	26	26	30	32	32	26	31	36	38	33	30	25	17	18	16	17	17	25
20	18	28	38	32	35	36	27	28	28	32	36	42	43	46	46	47	51	49	42	42	35	38	32	27	37
21	24	23	21	20	20	18	17	19	23	24	28	33	34	37	44	48	40	35	41	42	40	33	29	19	30
22	29	27	21	20	18	18	18	18	21	28	30	30	27	27	26	22	23	22	21	18	11	13	11	9	21
23	4	5	4	2	5	6	6	10	14	16	20	23	22	22	22	23	22	21	19	11	7	7	5	8	13
24	43	46	46	47	51	49	42	42	35	38	32	27	41	44	48	51	56	49	38	26	26	26	26	27	40
25	16	16	24	18	23	15	13	25	31	39	43	42	42	47	55	66	73	68	63	54	39	28	22	22	37
26	27	27	32	31	27	20	20	27	27	29	49	64	63	62	60	61	89	101	111	99	86	63	52	47	53
27	37	36	33	30	27	22	19	22	28	43	57	63	78	89	91	95	102	117	120	107	80	65	47	28	60
28	29	20	15	14	10	8	7	11	****	13	15	17	20	20	24	27	27	17	10	11	10	10	10	15	16
29	18	15	16	16	9	8	9	12	18	24	38	58	69	73	76	76	75	72	67	68	79	77	62	55	45
30	48	44	35	33	33	37	37	41	40	41	38	37	43	52	57	62	58	62	62	59	51	49	41	34	46
31	31	28	30	28	23	20	24	24	21	26	38	50	45	45	45	46	45	38	39	39	42	39	37	32	35
MEAN	22	22	22	20	19	19	19	20	22	25	30	33	37	39	42	43	45	44	41	35	30	28	25	22	29.4

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	29	28	25	25	21	21	24	22	19	21	25	28	35	36	40	44	43	37	26	18	15	16	16	27
2	13	13	13	12	9	6	5	6	10	16	18	18	24	34	35	38	37	36	33	26	21	17	9	3	19
3	6	4	6	4	3	3	4	10	19	25	28	31	33	33	33	33	34	36	32	21	21	19	17	15	20
4	23	21	20	18	19	19	17	18	24	40	50	58	63	67	66	67	70	75	69	52	38	34	28	23	41
5	25	32	34	28	23	21	16	18	25	29	33	36	37	39	39	40	38	40	35	25	26	24	22	28	30
6	28	28	24	18	11	6	7	13	23	29	30	30	28	25	25	24	24	24	18	12	7	1	0	0	18
7	0	0	0	0	2	2	7	16	21	26	29	35	37	41	45	41	38	32	27	10	9	8	5	4	18
8	7	11	15	16	13	8	4	4	9	18	34	40	47	53	53	55	57	57	44	38	41	38	37	35	31
9	36	31	31	32	34	30	24	20	27	27	37	42	38	40	18	16	20	17	16	15	14	12	16	19	26
10	20	19	16	15	14	11	7	8	****	20	21	24	24	29	32	34	35	35	27	24	24	22	18	15	21
11	14	13	12	14	16	16	16	18	24	28	35	39	43	45	45	44	45	44	42	37	32	28	24	18	29
12	12	11	11	8	8	8	5	9	15	15	17	16	20	21	20	16	13	12	11	12	12	12	10	14	13
13	14	14	14	15	14	14	14	14	14	12	12	15	20	18	17	20	25	30	37	33	26	23	23	29	19
14	28	27	23	23	25	30	28	24	23	21	22	21	20	20	19	16	16	16	15	15	16	15	14	13	20
15	11	9	9	8	8	8	5	7	8	9	13	19	23	24	23	20	20	20	17	12	9	3	9	10	13
16	7	7	10	10	11	11	11	9	11	15	19	30	35	35	32	30	33	32	24	19	14	14	13	10	18
17	14	14	17	17	18	22	26	19	14	17	19	19	23	24	24	24	24	22	19	14	9	6	0	0	17
18	0	4	6	6	3	8	8	11	12	17	21	23	29	30	32	32	32	28	24	23	22	24	26	28	19
19	28	27	24	17	15	8	4	8	18	23	23	27	30	30	31	32	31	27	23	23	23	23	30	40	24
20	37	33	26	22	21	20	22	25	27	29	28	29	38	38	43	53	50	53	45	26	16	20	21	14	31
21	15	22	24	29	30	25	25	25	21	21	30	40	51	59	61	62	60	53	49	46	35	28	21	16	35
22	16	18	21	20	18	12	11	14	17	17	18	28	26	23	32	36	44	26	20	20	18	23	18	18	21
23	15	15	15	15	13	13	10	10	10	14	16	15	15	15	15	15	15	12	12	9	6	7	5	7	12
24	6	7	5	3	0	0	2	****	7	10	14	19	23	23	25	27	27	25	17	6	8	11	8	8	12
25	9	9	8	7	6	5	5	5	7	15	25	22	25	23	27	25	23	25	19	22	21	21	23	23	17
26	22	19	16	17	16	16	18	18	18	19	19	19	21	22	22	22	21	20	19	15	11	7	11	13	18
27	14	13	11	8	8	7	7	10	13	17	16	17	17	17	18	20	18	15	15	13	10	8	9	10	13
28	13	7	4	4	4	4	3	9	16	22	22	23	24	24	25	26	25	21	11	1	7	13	13	11	14
29	10	8	11	13	9	8	10	13	16	19	25	28	31	37	38	42	47	41	29	28	28	29	28	32	24
30	30	29	30	27	27	22	18	15	17	25	29	30	37	46	48	46	39	37	32	26	26	31	36	31	31
MEAN	17	16	16	15	14	13	12	14	17	20	24	27	30	32	33	33	34	32	27	22	19	18	17	17	21.6

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	30	27	21	17	12	12	16	21	28	35	40	****	48	53	56	56	52	49	46	45	35	24	20	34
2	18	27	30	29	26	21	18	15	16	17	18	20	23	25	25	27	26	22	11	7	5	3	6	8	18
3	11	10	11	9	9	9	8	9	12	15	22	23	24	26	26	22	22	20	16	10	6	6	6	6	14
4	9	11	13	15	15	15	15	15	15	15	15	16	16	16	16	16	16	18	18	19	19	16	15	16	15
5	18	17	17	17	17	17	16	15	14	15	15	15	16	16	16	16	16	15	15	14	14	13	13	11	15
6	12	11	10	8	7	6	7	12	16	20	19	18	21	23	25	23	23	23	23	24	25	24	24	22	18
7	19	16	13	7	7	5	2	4	8	15	16	18	20	21	22	21	21	19	7	9	11	10	15	15	13
8	18	19	19	20	18	15	15	17	19	22	31	39	41	41	44	43	37	30	22	21	18	16	20	20	25
9	13	11	9	9	10	8	3	4	****	21	21	23	23	24	25	23	22	20	14	9	5	8	8	8	14
10	5	7	7	7	3	3	6	9	13	14	16	22	23	27	28	29	25	19	17	14	17	12	12	13	15
11	13	11	10	10	7	7	6	6	7	7	9	11	13	12	13	12	11	10	10	8	10	12	14	15	10
12	17	17	16	15	13	13	12	13	13	13	13	14	15	16	17	19	20	20	19	18	17	17	19	19	16
13	21	21	22	24	21	22	22	21	22	22	22	22	22	22	22	22	22	19	18	18	17	16	16	16	21
14	17	15	17	15	12	8	3	5	6	12	15	16	12	15	15	15	19	16	15	17	15	15	12	12	13
15	15	15	16	18	16	11	7	9	9	8	8	10	11	10	8	6	10	13	12	11	10	6	6	5	10
16	3	2	2	0	0	0	0	0	0	0	3	3	3	3	3	4	2	0	0	4	6	6	6	5	2
17	5	8	12	16	22	23	24	25	25	26	27	28	27	25	25	29	29	27	25	25	24	24	21	21	23
18	16	12	11	11	17	19	16	15	15	17	17	17	20	22	26	26	25	25	23	23	22	22	22	21	19
19	17	14	14	13	13	15	14	13	12	12	12	13	17	18	19	18	20	19	17	18	18	22	25	25	17
20	24	21	19	20	19	19	17	16	14	14	17	20	22	23	22	22	21	19	19	20	19	17	16	12	19
21	11	8	7	11	11	11	13	13	13	16	18	19	21	22	20	21	21	16	13	16	18	17	20	22	16
22	23	24	25	24	24	24	23	20	18	19	22	21	22	22	22	21	20	18	13	14	16	13	8	6	19
23	7	10	10	12	11	11	11	11	11	14	17	18	19	19	20	21	20	16	13	11	13	14	14	13	14
24	9	9	7	7	9	9	9	11	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25													- DATA INVALID -												
26													- DATA INVALID -												
27	****	****	****	****	****	****	****	****	****	****	23	21	20	20	16	11	10	9	12	14	11	8	2	0	******
28	0	0	3	4	5	15	18	18	20	24	27	28	27	27	27	27	24	24	24	19	16	16	18	26	18
29	26	25	24	24	24	24	23	19	19	21	22	23	25	24	24	23	22	16	18	17	16	16	15	14	21
30	12	12	13	14	14	14	12	12	14	17	13	20	22	24	26	23	20	11	16	18	16	14	11	9	16
31	8	8	9	9	8	7	7	9	10	14	18	20	22	23	25	25	24	22	21	21	22	18	19	19	16
MEAN	14	14	14	14	13	13	12	13	14	16	18	20	20	22	23	22	22	19	17	17	16	15	15	14	16.5

PERCENTAGE OF DATA VALID - 89.9 PERCENTAGE OF DATA INVALID - 10.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	22	22	22	22	22	22	22	22	21	20	22	21	21	24	24	21	19	18	19	20	18	22	21
2	21	19	19	19	21	23	24	23	23	23	27	28	28	28	28	28	27	19	9	14	16	13	12	11	21
3	8	10	10	10	9	11	10	9	10	13	14	14	15	18	22	28	36	35	35	36	36	36	30	28	20
4	24	23	22	24	22	23	24	19	13	9	6	9	11	12	12	12	12	12	15	15	15	18	20	20	16
5	19	19	20	20	21	21	21	19	16	15	18	21	21	20	21	20	20	18	13	11	10	9	9	9	17
6	6	5	5	5	6	9	10	12	10	9	10	12	10	12	11	11	9	10	11	11	12	13	11	7	9
7	6	6	6	5	4	4	4	6	6	9	11	16	17	16	18	9	3	4	6	10	10	14	17	15	9
8	15	15	17	17	17	15	15	17	18	19	20	21	23	23	22	20	16	9	13	16	13	16	16	14	17
9	12	8	8	8	4	7	13	16	14	15	18	17	16	18	19	17	17	17	13	10	10	11	14	17	13
10	19	24	24	22	23	24	25	27	28	27	26	26	27	27	28	29	28	28	28	29	28	27	28	28	26
11	27	27	27	27	24	24	25	26	24	25	26	26	27	26	26	25	24	23	23	23	23	21	21	22	25
12	21	20	17	15	15	13	14	13	19	22	24	24	26	26	24	23	22	21	20	16	14	10	12	9	19
13	8	10	7	6	5	5	6	7	10	10	9	7	8	7	7	6	5	4	1	1	3	4	0	0	6
14	0	0	4	5	5	4	5	10	15	20	22	22	22	22	21	19	18	15	16	17	16	16	18	18	14
15	18	18	19	18	18	16	15	14	13	11	15	17	17	17	18	19	20	21	21	21	20	20	14	14	17
16	12	11	12	11	12	12	10	8	9	19	20	23	22	23	23	22	22	22	21	19	16	12	9	9	16
17	12	13	13	12	12	6	4	3	6	10	12	13	15	12	12	9	7	5	0	1	5	1	4	6	8
18	6	6	5	5	3	5	6	6	11	16	18	20	22	20	19	18	17	17	16	19	23	21	21	22	14
19	19	17	18	20	20	14	13	11	11	****	9	9	14	15	17	18	15	12	9	6	5	3	2	0	12
20	0	0	0	0	0	0	0	0	4	5	9	13	13	19	18	18	19	20	15	14	15	15	12	7	9
21	5	5	5	6	6	5	5	5	4	5	7	10	14	16	17	18	19	20	20	20	20	20	19	18	12
22	21	16	11	7	4	4	2	3	5	10	12	14	17	17	19	19	17	16	15	14	13	12	10	10	12
23	10	8	9	9	8	8	7	1	3	4	7	10	12	11	11	9	10	14	13	11	9	10	10	9	9
24	6	4	0	0	0	0	0	0	0	1	2	3	8	9	10	10	11	12	15	16	16	15	17	16	7
25	18	19	20	20	19	19	20	20	21	22	23	23	27	27	27	28	28	26	23	15	10	8	11	11	20
26	10	10	8	6	6	5	4	3	3	7	15	13	15	17	16	14	11	4	2	3	4	5	4	5	8
27	9	8	8	4	3	1	9	12	13	14	15	15	17	15	15	15	16	15	14	15	16	16	15	14	12
28	11	11	10	8	6	4	3	2	2	7	11	11	10	10	10	8	6	6	6	6	6	6	3	0	7
29	1	13	21	22	21	18	19	19	13	13	17	22	23	23	22	23	24	25	23	21	20	19	18	18	19
30	18	17	16	16	17	19	21	21	19	18	17	16	17	13	12	15	17	17	15	14	14	13	10	8	16
MEAN	13	13	13	12	12	11	12	12	12	14	15	17	18	18	18	18	17	16	15	15	15	14	13	13	14.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	5	6	4	5	4	3	****	5	9	12	15	15	13	7	4	5	8	9	9	11	8	8
2	4	0	0	0	0	2	3	9	17	22	20	17	10	5	5	7	13	15	18	20	21	24	25	26	12
3	26	26	27	27	28	28	26	26	25	26	25	26	27	27	29	28	24	23	24	23	24	22	20	18	25
4	19	20	20	20	16	17	16	16	17	18	20	22	24	21	16	13	10	9	8	10	9	11	10	5	15
5	0	0	6	6	7	10	12	12	14	15	19	19	23	23	23	20	20	19	16	14	11	12	16	18	14
6	18	16	14	14	11	12	16	14	13	12	12	10	11	9	7	5	4	1	2	2	1	0	0	0	9
7	0	0	0	0	0	0	0	0	0	0	2	3	5	3	3	3	4	3	6	4	1	0	1	2	2
8	4	5	5	4	2	1	2	6	10	10	10	10	5	0	0	1	2	4	7	11	15	14	15	17	7
9	20	20	21	20	19	17	14	12	12	13	14	16	19	19	19	18	17	17	17	16	12	9	8	17	16
10	21	21	23	23	22	22	22	22	22	21	20	21	22	19	19	17	19	21	22	23	24	25	25	25	22
11	26	26	25	25	26	25	24	24	21	23	22	22	23	23	23	23	21	19	18	19	19	20	18	11	22
12	11	5	0	1	10	3	4	2	3	4	5	4	5	3	3	1	1	0	0	0	4	9	12	13	4
13	11	9	7	4	12	17	20	21	19	20	22	23	26	26	27	26	26	27	24	23	21	18	17	12	19
14	14	15	19	20	20	20	21	19	19	22	22	23	24	24	25	25	25	27	25	24	19	16	15	15	21
15	14	13	12	12	12	12	10	9	6	11	12	9	14	16	16	****	13	8	8	8	8	4	2	2	10
16	3	3	2	1	2	10	14	21	22	21	21	21	22	23	23	22	20	17	16	18	19	20	19	18	16
17	20	19	19	18	16	16	13	6	10	13	****	17	17	19	15	18	18	18	16	18	18	16	13	9	16
18	2	2	2	2	2	9	24	22	23	23	21	22	24	23	23	23	23	23	23	23	22	22	21	20	18
19	21	22	22	23	23	23	23	23	23	23	22	22	21	22	22	22	22	22	20	19	19	19	19	19	22
20	21	21	22	22	22	22	22	22	22	22	22	22	23	23	25	26	25	25	23	23	22	21	22	22	23
21	24	23	22	21	21	22	22	22	23	23	23	23	23	22	22	22	22	21	18	17	17	12	12	10	20
22	8	9	6	1	0	0	0	0	1	3	5	8	13	14	13	14	15	11	9	5	5	2	0	0	6
23	0	0	0	0	0	0	0	0	1	4	6	6	8	7	4	1	0	0	0	0	0	0	0	0	2
24	0	0	0	2	1	0	7	15	15	18	20	23	24	24	24	24	24	24	24	23	23	23	24	24	16
25	23	23	23	21	21	21	22	22	20	16	20	23	23	23	23	24	24	22	21	20	18	15	16	15	21
26	17	15	16	17	13	16	17	17	16	14	16	17	19	19	18	16	11	7	2	1	1	1	1	1	12
27	3	3	2	1	1	2	3	4	5	7	10	13	18	18	20	19	11	10	10	9	7	4	4	3	8
28	0	0	0	0	0	0	0	0	2	3	9	11	13	12	11	9	6	5	6	6	4	1	0	2	4
29	0	0	0	0	0	0	0	0	1	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	******
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	12	11	11	11	11	11	12	13	13	15	15	17	18	17	17	16	15	14	14	14	13	13	13	12	13.6

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	13.9	25	29
FEB	29	22.7	31	40
MAR	30	27.6	39	72
APR	30	25.9	43	76
MAY	31	31.7	44	89
JUN	30	32.9	63	87
JUL	31	31.8	53	92
AUG	31	29.4	60	120
SEP	30	21.6	41	75
OCT	27	16.5	34	56
NOV	30	14.4	26	36
DEC	28	13.6	25	29
YEAR	358	23.6	63	120

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	243	499	0	0	0	0	0	0	742
FEB	70	536	87	0	0	0	0	0	693
MAR	19	420	286	5	0	0	0	0	730
APR	49	462	193	15	0	0	0	0	719
MAY	38	340	279	83	1	0	0	0	741
JUN	26	375	189	122	7	0	0	0	719
JUL	97	305	211	100	21	0	0	0	734
AUG	66	410	185	69	6	6	0	0	742
SEP	133	443	120	22	0	0	0	0	718
OCT	141	510	14	4	0	0	0	0	669
NOV	239	474	6	0	0	0	0	0	719
DEC	256	424	0	0	0	0	0	0	680
YEAR	1377	5198	1570	420	35	6	0	0	8606

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
98.0	0	6.7	15.3	21.2	27.4	41.2	51.1	63.8	73.4	120	23.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	2	0
2	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	11	16	17	17	3
3	17	19	21	14	14	15	5	0	1	2	5	5	8	13	13	8	4	4	3	10	10	9	11	9	9
4	15	19	13	19	20	13	12	7	0	5	5	8	8	4	4	3	2	0	0	0	0	0	0	0	7
5	0	0	0	0	****	2	0	0	1	4	5	8	10	10	10	10	10	3	1	1	0	0	0	0	3
6	0	0	0	0	0	0	0	0	0	1	3	11	10	12	10	13	13	10	12	14	17	12	10	12	7
7	15	15	6	7	6	4	4	2	3	9	9	10	11	11	11	9	5	5	3	2	0	0	1	5	6
8	11	13	13	15	16	14	11	6	6	7	7	11	17	19	19	15	12	4	3	3	2	1	1	9	10
9	7	5	9	11	14	8	6	3	2	5	7	12	14	17	21	19	****	6	****	****	****	****	****	****	10
10	****	****	****	****	****	****	****	****	****	****	****	****	8	5	3	2	1	0	1	1	2	2	7	9	******
11	11	13	14	18	21	21	21	21	21	22	18	19	17	11	11	16	12	11	12	8	11	12	8	10	15
12	12	14	16	21	20	20	19	15	15	17	20	22	23	23	23	21	20	9	4	3	3	7	6	12	15
13	13	10	12	6	8	8	7	8	9	8	7	9	16	17	17	11	13	10	8	6	5	7	6	9	9
14	3	7	4	2	1	1	1	1	1	2	1	4	10	13	13	10	7	5	5	4	4	4	4	6	5
15	10	12	13	15	15	13	9	8	3	2	4	7	7	10	****	****	6	6	9	9	4	2	1	1	8
16	2	1	4	4	4	5	4	3	3	3	3	3	2	2	2	3	2	****	3	2	2	2	3	2	3
17	2	2	2	2	2	2	2	3	2	2	3	12	14	6	4	3	4	3	4	3	3	2	3	2	4
18	3	3	4	4	4	4	5	4	2	****	****	1	4	3	6	5	4	2	3	6	5	2	3	1	4
19												-	DATA INVALID -												
20												-	DATA INVALID -												
21												-	DATA INVALID -												
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	1	1	1	5	12	10	10	10	******
23	****	****	****	****	****	****	****	****	****	****	37	22	27	23	23	17	15	13	19	13	15	14	11	11	******
24	14	16	13	16	18	4	3	0	24	3	3	17	18	20	22	19	15	7	2	2	6	3	9	7	11
25	1	1	2	2	4	4	2	2	4	3	4	4	1	2	3	3	1	1	3	8	2	0	0	1	2
26	2	2	1	2	2	2	2	1	4	8	14	22	33	34	35	31	22	12	9	5	4	4	4	4	11
27	3	4	4	3	3	3	3	3	4	10	23	21	21	21	20	21	15	5	6	9	19	23	25	29	12
28	25	24	29	25	24	24	15	9	11	20	23	25	27	27	27	21	15	11	12	16	17	20	16	10	20
29	6	8	10	5	8	6	1	0	2	12	19	22	26	26	22	23	24	17	9	4	3	3	3	3	11
30	3	3	3	3	4	6	6	5	6	13	8	****	23	19	18	13	9	6	12	-	14	15	14	14	10
31	17	23	20	22	19	20	7	4	2	3	11	19	24	27	23	18	13	10	13	15	14	12	9	8	15
MEAN	8	9	9	9	9	8	6	4	5	7	10	12	14	14	14	12	9	6	6	6	7	7	7	7	8.5

PERCENTAGE OF DATA VALID - 83.3 PERCENTAGE OF DATA INVALID - 16.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	7	2	3	4	0	****	****	0	3	18	22	29	30	32	24	15	11	8	7	1	0	0	0	10
2	0	0	1	0	1	0	0	0	2	12	17	26	34	32	34	35	26	22	19	10	0	0	0	0	11
3	0	0	0	0	0	0	0	1	7	15	21	28	35	33	33	36	30	23	16	13	11	10	11	7	14
4	13	15	10	6	8	10	9	4	0	4	10	16	20	22	23	22	14	5	****	****	4	****	****	****	11
5	****	****	****	****	****	****	****	****	****	****	3	14	21	23	25	17	-	-	10	11	7	11	11	8	******
6	11	17	19	21	18	15	4	****	2	****	12	13	17	19	17	25	14	10	6	3	4	1	1	1	11
7	0	0	2	1	3	4	6	****	4	****	****	15	22	20	22	17	12	7	4	1	0	0	0	0	7
8	0	1	1	0	0	0	0	0	0	0	3	4	4	4	5	6	3	2	0	1	0	0	0	0	1
9	0	2	14	22	27	25	19	18	20	22	22	27	24	19	17	18	12	8	7	1	1	9	11	12	15
10	6	12	4	1	1	1	1	0	1	6	19	31	30	26	21	26	32	34	32	31	29	40	36	27	19
11	22	20	19	5	2	21	15	7	17	21	15	24	22	10	22	21	15	9	12	11	11	10	11	10	15
12	10	10	10	13	5	6	2	1	2	5	9	12	26	31	21	18	18	14	8	2	1	4	4	1	10
13	2	4	7	5	5	4	2	1	1	7	13	22	27	26	****	****	15	11	9	5	12	13	11	****	10
14	6	4	3	4	9	2	****	****	****	****	****	15	20	24	27	27	23	9	12	7	8	3	6	4	11
15	8	8	7	26	27	29	24	14	14	15	22	23	24	23	25	****	20	18	****	16	14	17	****	5	18
16	4	9	15	20	26	28	26	21	19	29	33	35	37	39	34	36	31	27	20	14	11	8	14	13	23
17	26	29	24	18	8	9	5	8	8	14	22	34	31	35	33	38	27	17	13	2	8	21	21	20	20
18	8	1	2	3	12	10	7	6	9	15	19	32	37	43	48	44	33	27	28	25	16	14	22	22	20
19	17	9	4	7	10	11	6	3	4	8	12	15	23	18	12	8	7	4	1	1	2	0	1	2	8
20	4	8	6	6	2	2	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1
21	****	0	0	0	0	0	0	0	0	3	8	7	13	20	18	28	17	11	17	22	20	10	18	12	10
22	7	3	8	9	8	7	6	1	0	****	3	4	3	2	****	1	2	1	3	1	3	1	0	1	3
23	1	1	1	2	3	3	5	5	5	6	5	8	10	7	7	5	5	4	4	4	4	4	4	4	4
24	5	4	5	21	28	22	33	35	32	36	33	32	33	29	26	21	20	19	11	6	11	27	15	8	21
25	13	13	15	27	32	26	18	15	4	1	0	1	0	2	1	1	0	0	0	0	0	0	0	0	7
26	0	0	0	0	0	0	0	****	0	10	20	28	29	30	32	32	18	26	27	38	39	30	25	14	17
27	2	4	1	2	1	1	****	2	7	15	29	31	34	33	35	28	27	24	21	18	19	17	18	18	17
28	16	21	23	28	21	22	15	11	9	9	10	23	27	28	28	28	19	16	9	11	14	12	19	22	18
29	19	25	27	26	30	18	8	6	5	12	15	4	24	49	23	24	16	11	8	11	9	10	9	1	16
MEAN	8	8	8	10	10	10	8	7	6	11	15	19	23	23	23	22	17	13	11	10	9	10	10	8	12.5

PERCENTAGE OF DATA VALID - 94.3 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	3	1	****	****	****	1	6	14	13	22	27	33	33	32	25	24	18	20	22	19	9	****	16
2	****	****	****	8	5	****	****	1	2	9	21	29	33	33	34	36	32	23	9	0	6	6	2	****	16
3	4	****	****	****	****	****	2	0	4	8	13	27	31	24	12	33	****	21	16	6	6	23	8	3	13
4	3	4	6	4	****	****	****	****	0	3	8	8	32	32	22	19	22	19	15	9	4	8	14	11	12
5	12	14	10	2	1	0	0	2	1	0	0	1	10	21	27	23	23	26	25	29	22	23	26	25	13
6	28	33	31	28	24	18	6	3	7	44	32	34	25	27	28	25	21	17	20	15	14	11	11	3	21
7	0	0	1	3	7	15	5	4	3	15	19	23	23	29	22	22	13	4	8	19	17	17	18	18	13
8	22	20	20	25	22	17	13	8	8	10	7	8	12	9	10	16	****	19	18	33	29	9	2	0	15
9	1	4	1	6	16	1	2	6	10	17	18	27	42	50	44	48	54	56	34	25	24	18	21	20	23
10	20	11	8	9	13	15	10	7	10	20	26	26	21	22	20	27	27	22	29	31	30	33	32	27	21
11	22	26	31	32	30	24	17	15	18	26	30	32	34	36	39	34	30	31	28	26	26	24	19	15	27
12	21	18	17	17	7	4	4	6	9	19	31	34	40	40	37	39	37	33	32	28	26	28	28	22	27
13	26	30	32	32	31	28	23	15	8	57	18	18	14	9	8	5	4	2	4	3	2	0	0	0	15
14	0	6	21	25	23	26	25	20	22	27	****	38	41	41	38	44	42	40	23	17	15	21	21	14	26
15	14	9	13	7	3	7	8	16	22	27	31	38	42	52	50	40	28	23	23	26	31	26	31	28	25
16	28	30	30	26	20	18	13	11	15	21	30	43	45	50	48	40	39	38	37	35	46	41	43	41	33
17	32	33	37	37	35	32	31	22	18	24	18	21	21	18	6	7	9	7	10	17	15	19	20	23	21
18	28	21	14	23	24	14	17	9	12	23	30	37	38	43	40	38	33	26	14	7	8	4	1	0	21
19	0	2	4	2	2	2	2	6	32	17	19	22	27	34	33	33	28	30	25	22	19	17	20	16	17
20	23	13	11	6	9	3	2	7	16	19	32	40	39	****	55	48	26	10	15	13	13	10	12	10	19
21	23	34	30	25	30	37	25	21	15	18	20	23	25	24	25	26	28	27	29	28	26	26	24	23	26
22	30	32	34	32	35	33	28	25	30	32	32	38	39	44	44	43	42	34	21	10	12	10	23	28	30
23	27	20	17	10	10	11	16	22	31	35	37	38	37	35	32	32	33	24	16	16	22	26	30	23	25
24	22	17	22	27	23	17	10	13	9	10	5	4	8	7	4	3	1	2	2	4	3	11	20	21	11
25	19	25	27	31	31	27	24	10	9	13	15	17	18	19	23	24	18	13	7	3	1	1	1	1	16
26	1	1	1	1	0	1	1	3	4	5	3	6	13	15	29	21	21	18	20	9	4	1	1	1	8
27	1	2	11	21	19	19	11	14	15	27	****	****	****	49	48	42	40	16	6	3	12	22	20	20	20
28	18	12	16	22	10	2	5	7	8	13	23	23	25	17	19	13	10	10	12	8	5	2	3	1	12
29	8	13	16	17	16	18	18	20	20	17	17	17	15	19	20	21	28	19	20	23	25	17	7	5	17
30	6	4	12	13	16	16	17	17	33	33	33	45	55	53	52	52	50	49	41	37	28	32	23	26	31
31	24	21	26	26	23	17	18	11	9	9	9	5	9	2	****	0	1	0	0	2	1	1	1	3	9
MEAN	16	16	17	17	17	16	13	11	13	20	20	25	28	30	30	29	26	22	19	17	17	16	16	15	19.4

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	-	4	4	4	1	1	1	0	3	2	1	4	6	10	7	4	4	2	0	1	3	3	3
2	7	1	2	0	1	0	0	0	0	0	8	15	15	13	20	23	26	28	24	8	4	0	1	6	8
3	1	4	8	1	8	15	13	16	18	19	22	23	-	12	****	26	26	21	16	15	18	10	1	2	13
4	2	2	4	0	0	0	1	4	3	2	5	9	16	20	21	25	24	20	21	21	20	18	17	6	11
5	0	1	2	1	8	10	10	15	21	24	32	38	41	45	48	47	46	46	36	31	17	3	4	5	22
6	0	0	0	0	1	2	4	11	15	19	24	44	50	44	59	59	58	54	48	42	39	44	44	46	30
7	40	29	28	20	14	8	8	10	19	21	29	34	42	39	27	30	24	20	11	16	22	18	18	19	23
8	28	15	26	31	33	33	30	27	22	24	29	30	29	27	31	39	36	32	29	32	36	33	29	-	30
9	19	13	17	20	18	11	7	6	5	****	16	18	19	12	14	11	9	12	12	16	12	22	16	14	14
10	20	20	22	17	28	24	14	3	4	0	2	6	7	6	11	13	10	9	9	9	15	2	2	5	11
11	3	7	5	4	5	4	3	4	11	44	****	11	14	24	26	26	24	18	11	2	3	9	26	31	14
12	28	26	23	18	24	37	40	39	23	13	13	16	22	30	29	30	27	26	23	26	34	23	21	16	26
13	15	6	2	3	6	7	6	15	20	28	36	40	42	44	40	39	38	34	24	16	24	25	23	21	23
14	20	20	18	20	16	14	14	14	17	20	21	12	16	13	11	9	6	5	8	13	20	23	18	17	15
15	17	20	21	20	21	19	15	12	9	11	4	6	10	15	17	19	16	14	8	11	14	16	****	16	14
16	15	22	23	26	24	24	18	19	23	29	33	35	39	39	40	37	32	29	37	31	21	15	11	9	26
17	7	3	6	1	0	3	5	16	17	2	****	27	35	43	41	38	31	23	20	10	12	16	12	9	16
18	5	1	1	1	1	3	3	4	10	22	33	40	38	50	55	53	54	59	45	36	26	18	10	7	24
19	2	3	3	8	9	4	4	13	16	35	54	65	68	67	66	69	69	67	64	49	45	52	40	40	38
20	35	27	31	21	36	18	32	33	47	50	55	59	61	58	56	64	52	41	37	23	21	18	30	23	39
21	4	4	11	16	5	13	7	8	9	2	18	42	55	59	62	54	44	41	37	25	17	-	-	5	24
22	6	12	18	9	7	3	4	7	21	31	37	48	-	82	96	85	66	73	45	30	40	41	-	42	37
23	33	32	22	21	22	13	17	27	25	4	19	23	39	47	48	49	41	34	23	11	20	17	32	26	27
24	31	32	-	-	40	32	33	27	30	30	29	****	****	23	29	30	22	16	15	14	14	17	17	12	25
25	17	27	15	27	28	24	15	14	16	23	32	26	53	****	31	22	18	19	15	15	4	0	0	****	20
26	****	1	0	0	****	****	****	2	10	19	18	17	32	38	32	40	32	22	15	10	6	7	5	1	15
27	3	3	4	5	8	7	6	6	6	9	15	30	33	30	27	25	18	15	19	25	28	32	31	31	17
28	32	25	18	25	28	25	16	15	23	29	30	30	28	27	36	37	38	41	23	27	9	****	****	****	27
29	****	0	3	9	8	3	3	2	****	****	14	6	9	8	4	8	10	5	5	2	5	4	3	1	5
30	1	1	1	1	1	1	1	2	3	10	****	18	26	22	16	28	23	26	16	-	14	4	13	12	11
MEAN	14	12	12	11	14	12	11	12	15	19	23	27	31	32	34	35	32	29	24	20	19	18	16	16	20.4

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	1	1	1	1	2	9	22	31	24	31	38	****	-	43	****	24	28	23	32	13	6	16
2	2	2	2	2	2	2	1	1	2	7	17	47	57	73	67	63	73	56	49	26	7	4	2	2	24
3	1	1	1	1	2	2	2	4	9	24	40	49	63	73	78	61	58	68	51	31	19	10	7	7	28
4	10	5	3	3	****	3	3	7	21	25	35	41	50	66	74	63	60	59	53	23	12	17	23	26	30
5	23	28	32	23	29	21	19	21	28	45	53	56	63	67	66	58	61	55	60	41	13	19	35	26	39
6	24	28	35	35	28	17	7	****	11	22	33	40	44	41	47	51	43	40	31	28	8	14	31	36	30
7	39	36	35	35	30	19	14	13	****	****	****	24	26	26	26	25	23	23	21	17	15	10	5	1	22
8	0	0	1	4	3	4	3	8	16	23	16	****	21	21	25	22	27	22	20	19	17	15	8	9	13
9	8	9	9	8	5	1	2	7	14	23	26	29	30	34	33	31	34	34	35	23	15	8	4	5	18
10	4	4	3	3	6	5	9	26	37	37	37	43	50	59	55	59	59	54	48	42	53	57	50	48	35
11	45	53	53	43	43	34	26	26	32	37	36	40	47	51	54	53	56	52	44	40	36	29	24	20	41
12	23	19	12	6	8	6	5	6	8	13	22	20	14	19	19	22	25	22	23	9	4	6	11	24	14
13	29	39	29	46	40	32	13	3	33	****	17	17	21	27	33	28	28	20	9	5	3	5	29	26	23
14	37	41	43	36	28	17	12	9	15	24	28	29	28	23	25	19	22	27	29	22	4	4	7	-	23
15	3	2	2	1	1	1	1	2	4	20	21	31	36	30	26	63	27	31	14	12	0	0	0	0	14
16	0	0	0	0	0	0	0	1	26	34	29	34	39	43	43	39	33	24	25	23	15	11	21	19	19
17	13	19	31	29	23	19	14	12	13	21	27	27	28	30	32	29	31	33	32	29	42	46	42	46	28
18	44	41	43	37	27	16	16	19	16	22	37	45	47	45	-	45	44	45	39	40	30	20	22	19	33
19	21	25	30	29	28	29	32	21	36	44	54	59	55	56	55	67	65	63	61	39	18	18	21	18	39
20	20	20	22	24	17	3	1	1	3	10	30	45	58	64	70	68	57	54	43	44	41	34	33	23	33
21	24	23	14	6	1	1	1	2	9	29	48	54	70	61	74	79	78	74	71	51	22	21	40	16	36
22	1	1	1	0	1	0	1	3	15	****	59	77	72	99	89	82	82	72	62	51	49	32	27	2	38
23	7	1	10	3	1	3	13	14	27	41	37	61	71	83	82	85	-	73	57	55	50	37	25	23	37
24	28	52	47	37	34	34	38	34	28	35	40	45	56	54	57	65	87	72	73	55	43	39	41	26	47
25	11	44	51	52	54	48	36	29	27	33	35	37	40	39	40	41	42	42	45	36	29	25	25	****	37
26	28	45	30	29	25	22	20	20	27	26	32	34	32	41	42	43	36	31	35	24	16	10	8	18	28
27	19	****	12	0	0	0	0	0	4	15	19	20	28	36	49	51	47	44	39	31	26	21	28	24	22
28	21	14	2	0	0	0	0	1	7	29	48	54	55	****	85	92	97	103	91	83	61	47	35	35	42
29	35	42	39	39	14	3	1	1	2	0	3	13	48	31	42	****	102	84	82	69	64	60	66	54	39
30	38	25	29	27	18	14	20	27	30	31	38	49	65	62	68	60	27	13	9	29	30	36	39	35	34
31	41	38	46	36	22	20	19	32	31	36	40	40	39	41	40	41	40	39	36	34	25	18	10	3	32
MEAN	19	22	22	19	16	12	11	12	18	26	33	39	45	48	51	52	50	48	42	34	25	23	24	21	29.6

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	15	17	15	17	14	15	19	22	22	26	29	26	20	17	18	25	18	11	11	6	1	1	1	16
2	1	1	29	40	37	25	10	2	****	18	33	44	44	50	43	35	41	41	31	16	22	10	8	18	26
3	24	28	23	19	23	20	6	6	10	14	17	23	23	26	36	43	42	40	37	26	5	1	0	0	21
4	1	1	1	2	4	7	7	9	12	20	24	29	32	29	32	30	30	34	28	17	5	0	6	3	15
5	1	3	1	1	1	1	9	14	24	****	****	41	44	47	53	55	51	44	35	28	19	19	20	34	25
6	45	41	45	46	40	32	30	****	34	44	48	54	48	49	53	50	55	59	60	48	40	23	20	10	42
7	0	10	21	31	29	24	23	27	37	50	51	49	23	15	29	45	53	40	26	14	****	****	****	****	30
8													- DATA INVALID -												
9	****	****	****	****	****	****	****	****	****	****	****	****	18	13	11	11	13	20	23	16	17	16	16	18	******
10	20	23	20	14	10	5	5	7	11	10	****	26	28	28	27	26	30	32	31	30	16	4	0	0	18
11	0	3	12	12	9	0	0	****	10	****	****	****	30	32	32	34	38	35	43	41	24	0	0	0	12
12	0	0	0	0	0	1	2	5	****	14	****	41	43	56	59	53	60	58	65	45	24	-	-	30	28
13	31	22	18	17	17	7	8	18	37	-	-	-	65	71	74	82	68	90	****	****	55	50	30	31	43
14	13	6	11	8	****	****	****	****	****	****	40	23	39	59	63	62	48	47	68	51	24	1	2	3	32
15	4	12	4	17	21	10	13	26	40	36	31	41	34	15	13	12	13	12	8	15	15	8	4	8	17
16	15	20	17	18	5	3	3	7	13	21	****	24	24	28	****	30	34	29	24	20	16	11	0	1	17
17	2	1	1	1	1	2	5	8	****	****	38	44	42	52	59	55	56	57	57	57	50	40	8	3	29
18	7	11	1	3	8	6	3	6	11	20	35	44	59	58	51	34	42	44	39	30	28	5	4	5	23
19	5	3	5	4	7	9	11	20	35	45	55	68	79	88	73	33	26	32	20	12	18	23	20	28	30
20	31	31	26	19	14	5	6	44	14	20	25	31	35	31	31	30	31	33	32	23	3	4	4	3	22
21	5	4	2	5	10	4	5	8	14	25	39	38	51	61	63	63	63	63	63	51	40	30	25	9	31
22	6	13	8	4	1	3	14	31	40	54	70	82	89	96	77	90	98	93	91	76	66	60	59	55	53
23	49	49	35	33	22	11	11	21	48	69	60	84	92	92	88	90	96	94	96	87	91	101	90	99	67
24	92	84	81	59	46	29	19	7	27	43	46	57	58	56	49	42	-	41	43	32	13	7	7	4	41
25	21	18	23	20	22	15	23	21	24	36	53	61	67	65	62	56	54	56	82	****	41	42	37	43	41
26	51	50	45	35	18	5	5	12	18	31	41	71	74	77	76	82	85	76	65	60	39	38	53	44	43
27	35	34	26	28	29	18	13	****	13	21	24	30	35	35	32	27	25	22	15	13	7	7	9	5	22
28	6	5	5	8	14	11	8	20	17	16	26	54	71	75	60	68	75	63	87	108	80	45	50	42	42
29	40	26	21	16	8	****	****	26	44	52	61	56	52	49	55	56	53	47	39	27	22	23	19	18	37
30	15	15	17	20	22	16	11	6	17	21	23	26	28	25	27	19	18	18	17	18	7	3	2	1	16
MEAN	19	19	18	18	16	11	10	15	24	31	39	45	47	48	48	46	48	46	44	36	28	21	18	18	30.0

PERCENTAGE OF DATA VALID - 89.9 PERCENTAGE OF DATA INVALID - 9.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	5	19	24	20	31	36	53	65	81	80	74	69	52	55	60	58	53	48	37
2	43	23	10	31	37	26	18	14	20	24	32	37	50	45	47	44	45	49	24	15	21	9	2	0	28
3	2	5	9	5	7	2	4	8	16	28	35	30	45	66	76	84	80	84	94	71	49	41	32	38	38
4	28	32	27	12	8	9	21	31	****	48	67	****	87	85	91	83	89	87	88	87	74	74	71	70	58
5	68	52	46	38	31	22	12	8	15	21	22	42	49	58	59	56	56	49	48	39	31	25	22	24	37
6	26	25	28	31	31	28	26	26	24	28	27	31	35	39	42	44	43	42	47	39	27	18	10	2	30
7	1	1	2	2	1	1	4	13	25	32	30	30	34	39	54	58	60	55	65	57	49	44	43	46	31
8	45	38	40	47	39	22	5	16	42	57	71	80	79	57	51	****	****	41	40	24	22	22	14	11	39
9	6	0	12	1	1	0	3	11	23	24	14	8	10	22	34	38	43	37	28	26	24	3	1	11	16
10	14	19	33	44	39	24	20	30	43	69	92	74	78	92	99	108	****	95	92	76	67	53	48	38	59
11	27	12	5	14	14	9	6	13	20	39	62	83	81	80	65	57	67	73	64	58	35	24	17	4	39
12	3	5	9	8	8	14	21	25	19	16	10	7	24	29	37	42	40	38	38	26	21	13	7	7	19
13	7	2	1	4	6	7	13	16	21	37	47	51	57	71	78	85	111	109	82	51	39	39	29	31	41
14	35	36	28	9	4	2	5	20	35	47	69	64	82	117	116	112	91	84	76	66	59	45	42	46	54
15	44	44	42	44	42	45	40	39	39	57	73	86	68	77	85	88	99	78	87	69	66	50	48	42	60
16	49	44	26	10	17	26	25	24	****	****	4	****	51	57	58	60	63	53	44	30	44	61	61	57	41
17	45	38	30	24	19	15	10	12	25	38	45	43	40	41	39	37	42	48	43	37	24	17	13	8	31
18	21	28	23	21	8	4	6	14	29	51	50	27	40	64	68	37	47	43	52	49	36	37	35	33	34
19	39	40	32	30	20	14	15	34	49	63	76	92	95	90	69	60	72	67	53	44	26	18	25	19	48
20	12	21	31	35	39	40	35	32	41	64	80	86	85	94	113	126	131	126	110	85	76	69	57	43	68
21	63	55	44	36	48	47	29	20	63	47	57	65	60	76	61	46	24	29	38	21	19	17	18	20	42
22	13	7	8	3	9	5	5	6	6	15	37	56	67	75	98	76	54	43	43	32	22	7	2	0	29
23	0	4	8	8	4	2	3	5	10	14	16	22	25	29	33	28	30	35	37	31	19	8	6	3	16
24	2	3	3	3	2	2	3	3	13	20	22	32	55	58	66	64	62	54	29	33	23	12	13	9	24
25	7	7	7	5	3	4	6	11	12	85	59	68	69	71	72	73	80	78	65	48	41	41	22	29	40
26	24	26	16	16	21	14	12	16	36	70	76	86	92	97	98	92	79	74	61	32	38	49	48	60	51
27	45	47	50	42	41	35	36	40	32	35	38	40	36	58	58	63	68	57	45	32	26	30	39	40	43
28	40	40	38	39	37	12	8	3	5	5	10	14	24	36	-	-	52	42	38	30	-	-	-	3	25
29	3	3	8	7	6	4	3	5	5	14	14	39	68	64	64	34	25	33	26	17	29	15	2	2	20
30	2	3	13	13	13	5	4	6	10	1	84	45	48	47	46	45	44	44	43	31	5	2	7	11	24
31	14	10	34	39	34	28	23	17	17	28	43	59	61	72	81	90	94	72	68	54	47	68	57	63	49
MEAN	24	22	21	20	19	15	14	17	25	37	45	49	56	64	68	66	64	61	55	44	37	32	28	26	37.8

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	61	57	49	44	40	31	19	13	30	46	52	62	63	69	72	81	81	91	81	67	44	6	0	1	48
2	2	5	0	0	13	15	****	23	20	24	42	51	45	45	43	47	48	29	32	32	30	15	11	9	25
3	6	7	43	40	47	47	41	47	35	51	56	68	76	84	81	79	92	88	90	77	73	65	58	53	59
4	62	51	48	44	33	21	26	35	50	51	63	80	85	81	78	78	79	90	86	79	60	55	50	53	60
5	54	46	44	54	38	21	19	13	5	45	36	51	47	35	47	60	65	40	38	23	18	21	11	6	35
6	10	20	16	14	8	3	3	4	9	22	32	40	40	55	52	41	48	54	45	38	12	15	19	12	26
7	7	4	9	25	12	5	2	3	12	20	24	34	47	60	60	65	59	-	52	48	26	19	11	4	26
8	0	2	5	10	10	10	6	9	17	31	27	2	58	57	66	70	64	57	53	43	37	35	27	33	30
9	****	34	27	28	29	19	12	17	35	42	38	31	35	43	72	74	79	63	42	21	19	12	14	17	35
10	16	22	19	18	24	24	21	23	23	20	21	27	32	35	37	39	38	41	45	43	41	38	41	43	30
11	42	39	35	28	19	15	8	11	15	25	25	39	46	****	41	35	****	37	33	34	26	20	20	15	20
12	20	23	21	19	22	23	13	15	20	25	27	33	38	37	29	27	32	36	30	21	9	2	1	1	22
13	1	1	10	7	11	4	****	8	8	17	19	35	44	47	51	58	54	52	51	48	45	28	10	10	27
14	18	24	14	20	40	31	31	13	12	20	23	24	32	28	36	37	33	36	35	30	32	28	17	13	26
15	15	11	12	17	18	8	7	12	14	17	24	27	32	35	32	31	25	18	10	6	3	5	5	4	16
16	4	1	1	5	7	2	4	9	15	17	21	24	28	32	33	29	25	30	27	12	9	6	6	7	15
17	1	8	8	18	20	19	19	16	12	19	9	12	11	7	13	19	18	19	13	18	17	14	15	15	14
18	12	12	10	8	4	2	0	0	5	14	23	22	****	54	44	47	56	55	49	28	11	3	2	0	20
19	3	9	14	9	1	4	1	4	15	37	47	49	52	50	63	61	74	73	62	56	26	17	15	18	32
20	19	43	23	20	10	1	1	4	3	19	12	17	39	68	89	61	62	63	61	56	39	45	58	70	37
21	71	69	-	****	37	25	21	28	37	43	46	45	51	****	17	18	28	39	40	33	26	16	1	4	33
22	19	27	36	29	22	6	4	6	12	24	26	32	34	33	34	31	31	30	27	8	1	1	0	1	20
23	2	9	7	3	6	7	6	12	19	19	29	39	49	45	43	40	41	38	30	14	11	7	1	0	20
24	0	0	0	0	0	2	8	12	17	25	43	54	54	59	61	59	57	54	46	24	4	10	2	4	25
25	3	17	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
26	****	****	****	****	****	****	****	-	****	****	****	****	****	59	60	100	93	106	82	64	47	37	26	16	******
27	15	8	10	7	12	6	1	5	52	41	66	93	92	95	98	96	92	71	68	47	35	21	14	6	44
28	6	25	40	38	33	30	15	23	23	28	25	51	82	99	88	100	112	109	90	63	55	59	58	56	55
29	52	50	51	47	34	19	8	10	14	43	69	78	86	93	95	96	94	92	75	73	64	55	52	39	58
30	68	68	54	66	43	33	46	34	15	25	40	67	71	91	93	****	80	76	73	55	52	46	41	30	55
31	21	21	14	12	27	13	23	23	26	30	24	40	65	71	74	67	56	33	31	19	12	20	24	31	32
MEAN	21	24	21	22	21	15	13	15	20	29	34	42	51	56	57	57	59	56	50	39	30	24	20	19	33.0

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	23	****	19	26	24	24	17	32	37	35	51	56	62	65	37	43	43	35	20	9	12	8	12	31
2	10	10	10	10	12	8	7	7	8	9	18	15	29	40	46	47	52	53	41	29	14	12	4	5	21
3	4	9	7	9	7	4	4	7	16	27	27	****	49	59	54	****	****	57	47	21	28	27	32	43	26
4	48	37	24	15	16	11	3	8	30	44	45	41	35	38	34	****	39	20	19	-	6	6	10	26	25
5	7	16	26	35	18	6	3	5	10	26	32	38	41	41	48	48	38	34	32	2	1	1	0	0	21
6	0	0	0	2	11	4	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7	- DATA INVALID -																								
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	68	69	58	48	34	38	20	20	20	******
9	45	43	45	37	28	13	2	3	4	17	24	39	38	25	20	20	19	14	10	5	****	****	****	****	23
10	****	****	****	****	****	****	****	****	****	****	****	****	25	29	32	29	30	32	32	10	3	2	1	0	******
11	0	0	0	0	0	0	0	****	17	23	26	35	40	46	46	46	51	34	18	6	10	15	5	1	18
12	2	6	2	12	20	13	1	3	8	18	30	33	15	36	39	28	22	33	26	37	37	32	25	15	22
13	17	27	24	21	19	18	11	6	4	15	33	48	38	32	47	54	57	60	45	34	16	10	17	6	27
14	3	5	4	6	4	4	4	7	25	39	45	41	45	45	27	18	16	16	13	14	17	14	12	14	18
15	14	12	10	13	6	4	1	-	4	10	19	24	23	23	24	25	23	20	15	10	3	3	4	9	13
16	14	8	11	6	2	1	1	3	14	24	24	17	10	13	19	11	22	27	20	16	5	8	14	13	13
17	15	21	18	29	30	21	4	5	9	10	12	17	19	24	21	22	18	16	12	2	1	2	2	9	14
18	10	10	6	14	13	6	3	4	****	17	27	32	33	30	31	34	40	42	30	15	1	1	1	1	17
19	1	0	2	1	0	0	1	40	5	9	19	33	26	34	34	37	61	65	55	44	53	49	48	42	27
20	34	38	38	24	9	3	3	5	18	15	25	30	42	68	77	51	65	51	41	36	29	24	32	33	33
21	24	29	10	25	28	22	18	17	22	29	43	46	37	46	46	57	55	44	36	34	40	37	32	****	34
22	27	23	17	10	20	15	8	5	7	9	4	8	17	34	61	53	43	27	****	****	****	****	****	****	22
23	****	****	****	****	****	****	****	****	****	****	****	14	10	17	21	16	17	16	14	15	8	2	2	2	******
24	3	9	13	16	17	12	5	4	14	21	24	22	27	28	28	31	31	28	17	6	7	10	13	16	17
25	22	21	26	21	21	4	2	39	1	1	7	6	7	8	10	34	25	12	14	9	17	13	17	19	15
26	24	23	23	23	20	14	7	6	6	11	16	17	16	17	16	14	14	13	5	1	1	0	1	1	12
27	1	0	1	1	1	-	1	1	6	15	19	16	17	19	29	25	29	23	16	2	1	1	1	1	10
28	1	1	4	6	9	10	8	11	15	16	22	22	24	37	37	42	33	37	12	9	7	11	12	17	17
29	18	23	22	21	19	11	3	5	11	20	40	52	57	59	60	58	50	46	38	36	33	30	32	31	32
30	19	16	10	20	5	2	1	2	7	13	13	23	37	53	56	-	45	32	29	41	36	16	13	28	22
MEAN	15	16	14	15	14	9	5	9	12	19	25	29	30	36	38	36	37	34	27	19	16	14	14	15	21.0

PERCENTAGE OF DATA VALID - 86.0 PERCENTAGE OF DATA INVALID - 13.5 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	11	7	12	12	7	4	8	15	20	28	36	46	57	64	53	57	48	36	40	41	29	14	19	28
2	33	31	7	4	4	8	2	3	6	10	17	22	23	24	22	-	20	12	5	1	1	1	3	4	11
3	3	****	1	1	1	1	1	39	3	6	14	14	11	11	9	5	4	2	2	3	4	4	5	4	6
4	7	12	13	15	16	13	10	5	5	2	7	13	14	13	11	8	11	7	5	1	2	2	3	2	8
5	4	4	6	6	8	7	5	6	5	****	6	17	15	13	15	13	11	7	4	6	3	7	2	2	7
6	5	6	12	10	1	0	0	0	****	****	15	22	23	17	19	15	6	-	0	1	1	1	0	0	7
7	0	0	0	0	0	0	0	0	0	2	5	6	15	28	26	23	25	24	7	3	2	2	2	1	7
8	1	3	11	7	6	3	2	3	5	-	-	32	41	58	63	64	54	39	13	2	8	18	19	15	21
9	17	20	21	17	5	2	1	****	9	15	19	20	11	17	19	18	18	6	4	1	3	3	9	11	12
10	13	12	15	4	0	0	0	0	4	14	22	25	20	20	23	28	21	13	12	13	9	11	6	2	12
11	1	1	1	1	1	1	1	2	2	2	2	7	8	10	10	5	4	3	2	3	4	7	8	10	4
12	9	9	13	17	19	18	16	15	12	12	14	11	13	14	14	11	12	11	6	0	0	0	0	0	10
13	0	0	1	1	0	0	0	0	1	4	10	14	8	16	15	18	15	9	2	0	1	1	0	1	5
14	1	0	0	0	0	0	0	0	0	1	4	9	9	9	8	7	6	5	6	12	8	6	7	6	4
15	7	9	4	4	3	1	0	1	****	4	7	10	9	9	5	4	6	6	3	9	7	5	2	4	5
16	3	2	2	2	1	1	0	0	0	0	0	0	3	6	7	4	1	0	0	0	1	8	4	21	3
17	20	22	27	26	27	21	17	15	21	21	17	17	15	17	20	18	14	11	5	14	11	4	4	3	16
18	1	2	5	17	14	6	2	3	7	10	18	20	23	29	28	28	22	14	4	2	2	2	3	4	11
19	6	6	9	4	2	8	11	9	7	4	9	8	6	5	5	6	8	1	0	0	1	1	0	1	5
20	0	0	1	1	2	3	1	0	1	2	3	7	7	8	7	3	0	0	0	0	0	0	0	0	2
21	0	0	0	****	****	****	****	****	4	9	13	18	19	19	19	15	11	3	0	0	1	3	4	0	7
22	2	1	0	0	0	0	0	0	0	2	10	17	23	23	24	20	17	14	8	7	8	8	10	4	8
23	5	11	13	10	15	13	8	28	15	15	12	12	18	21	35	39	39	16	16	15	12	8	8	7	16
24	3	3	3	4	2	1	2	2	7	14	20	22	25	30	25	22	18	11	16	14	17	15	20	20	13
25	24	24	14	4	2	2	2	3	3	4	-	6	9	12	12	10	11	11	9	13	11	12	11	8	9
26	-	8	9	10	11	-	13	13	14	13	11	14	13	13	13	13	15	9	9	9	10	9	11	12	11
27	17	18	17	7	0	-	-	-	0	1	11	14	15	12	9	4	2	2	1	1	1	2	1	1	6
28	1	0	1	0	0	0	1	2	5	11	12	17	20	23	24	20	16	10	4	1	0	0	0	0	7
29	0	0	0	0	0	0	0	0	0	2	9	19	26	25	26	22	14	7	5	6	3	3	3	3	7
30	2	2	2	2	2	2	2	2	2	6	10	17	22	27	25	23	21	14	13	12	6	4	5	4	9
31	3	3	3	2	-	2	2	2	4	-	7	11	16	20	20	19	17	11	13	7	3	3	2	2	8
MEAN	7	7	7	6	5	4	4	6	5	8	11	15	17	20	20	18	16	11	7	6	6	6	5	6	9.4

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	5	1	2	3	3	8	13	16	18	15	14	14	10	11	8	5	10	10	11	11	9	9
2	12	17	20	22	22	25	21	12	16	21	24	27	29	30	28	18	18	8	1	4	9	12	10	4	17
3	5	10	6	-	5	7	5	3	8	13	14	17	24	38	42	37	38	32	33	19	20	31	25	30	20
4	31	30	17	19	17	5	5	3	4	5	6	6	4	5	4	4	2	4	7	9	10	8	2	1	9
5	1	0	2	1	0	0	0	0	0	2	-	-	15	17	18	15	9	3	1	0	0	1	0	0	4
6	0	0	0	0	0	0	0	0	-	-	3	12	15	13	14	13	15	12	14	15	16	14	5	4	8
7	4	3	3	6	3	4	3	3	5	15	48	10	7	9	7	5	4	4	4	6	7	8	9	7	8
8	5	8	12	15	14	11	-	-	-	-	18	24	25	21	8	7	11	9	7	8	13	9	6	8	12
9	6	8	10	12	12	4	6	4	8	13	19	24	23	26	27	27	23	18	13	5	4	2	4	14	13
10	12	14	19	22	23	22	20	11	7	16	19	23	23	26	-	25	19	17	14	18	20	21	24	22	19
11	23	27	28	26	24	25	23	13	12	14	19	18	21	21	20	-	-	-	-	-	-	-	-	-	******
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	0	0	0	0	0	******
13	0	0	0	1	0	0	0	0	0	0	1	1	1	6	9	8	2	2	5	6	1	1	4	3	2
14	1	1	1	0	0	0	0	0	1	1	3	5	10	9	11	9	6	2	5	2	3	2	1	4	3
15	4	6	3	1	1	2	11	11	15	18	16	14	16	16	16	17	15	11	3	5	8	11	10	14	10
16	8	4	2	2	5	2	0	0	2	8	16	21	25	27	23	23	18	5	1	1	1	1	1	1	8
17	0	2	4	2	0	0	0	1	3	****	-	7	7	5	4	4	1	0	0	0	0	0	0	0	2
18	8	0	0	0	3	6	3	0	1	3	5	5	5	7	7	3	2	0	1	3	2	****	0	****	3
19	****	****	****	****	****	****	****	****	****	1	8	7	10	30	30	13	1	0	0	0	0	0	0	0	******
20	0	0	0	0	****	0	0	0	0	0	4	9	11	11	13	10	3	3	3	4	****	****	****	****	4
21	****	****	****	****	****	****	****	****	****	****	4	8	9	12	15	15	10	4	3	3	2	2	2	0	******
22	0	0	0	0	0	0	0	0	1	6	11	13	17	20	18	17	13	11	8	7	3	1	1	3	6
23	1	1	1	1	1	2	1	1	2	3	5	7	4	3	2	3	4	3	4	2	2	1	1	1	2
24	1	2	2	1	2	1	1	1	1	2	3	3	3	3	2	2	3	4	3	4	4	5	6	8	3
25	12	12	12	17	13	14	12	6	5	8	16	20	21	20	20	17	9	3	2	2	2	1	1	1	10
26	1	1	1	0	0	0	0	0	0	2	5	8	13	12	10	14	7	1	0	0	0	0	0	1	3
27	-	6	10	9	5	6	2	0	****	12	12	10	9	6	6	5	6	8	13	12	10	6	4	3	7
28	3	4	4	3	5	8	4	4	4	5	5	5	7	9	8	5	4	4	3	4	3	4	10	16	5
29	16	12	10	13	27	17	4	3	6	8	13	17	22	40	38	40	15	9	6	8	6	6	4	4	14
30	5	4	8	10	9	9	9	5	6	7	12	11	14	20	21	18	10	6	4	4	5	5	4	5	9
MEAN	6	6	7	7	7	6	5	3	5	8	12	13	14	16	16	14	10	7	6	6	6	6	5	6	8.3

PERCENTAGE OF DATA VALID - 90.8 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 5.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	5	4	4	4	4	5	7	10	****	9	10	10	5	5	5	5	5	5	5	5	6
2	7	9	6	8	17	21	16	14	8	9	8	4	6	9	12	13	11	12	14	17	22	24	23	24	13
3	25	25	24	24	22	20	11	1	2	5	10	15	19	19	18	16	8	5	12	10	14	16	18	15	15
4	9	11	19	14	8	6	4	2	2	****	4	12	15	12	11	9	4	2	1	2	5	5	3	3	7
5	5	3	3	3	5	6	7	4	2	2	3	4	3	4	3	****	****	****	****	****	****	****	****	****	******
6												-	DATA INVALID -												
7												-	DATA INVALID -												
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	0	0	3	4	6	8	******
9	8	6	7	9	12	12	7	1	4	7	10	12	9	3	0	0	0	0	0	0	0	0	4	7	5
10	6	14	12	17	18	15	11	10	6	7	7	8	9	9	10	6	4	4	5	6	13	16	17	16	10
11	13	15	12	14	13	9	1	0	0	5	6	7	5	3	4	1	0	0	0	0	0	0	0	3	5
12	4	1	0	0	2	2	0	0	0	1	0	0	2	2	1	1	1	0	0	0	0	0	0	0	1
13	0	0	0	0	3	10	7	7	12	18	19	15	20	20	21	17	13	9	4	1	1	2	9	12	8
14	4	0	4	5	8	5	8	11	15	20	22	21	27	26	24	19	16	10	2	1	0	0	0	0	10
15	0	0	0	0	1	1	0	0	0	1	3	6	8	10	9	5	2	0	0	0	0	0	0	0	2
16	0	0	3	4	5	0	1	0	0	1	5	6	9	10	14	11	9	7	10	4	7	9	3	1	5
17	2	1	1	0	0	0	0	0	0	8	****	****	7	6	3	3	1	3	7	10	5	0	0	0	3
18	0	0	0	0	0	0	0	7	9	9	11	14	15	17	17	11	7	6	6	7	6	5	7	15	7
19	17	19	21	23	24	24	18	15	13	17	19	17	17	17	17	15	12	9	6	5	6	3	5	2	14
20	1	1	1	0	1	1	0	0	3	6	9	14	19	19	20	18	16	12	1	1	1	3	3	1	6
21	0	0	0	0	0	0	0	0	1	3	6	10	15	15	15	14	10	3	0	0	0	0	0	0	4
22	0	0	0	0	0	0	0	0	0	8	15	16	17	17	15	13	7	1	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	2	4	9	13	14	18	18	19	18	17	15	12	13	15	16	14	10	9
25	3	0	0	2	1	0	0	3	8	9	14	20	23	23	22	17	12	11	7	8	1	0	0	0	8
26	5	9	6	9	6	6	2	0	5	8	10	6	9	11	6	1	1	0	0	0	0	0	0	0	4
27	0	0	0	0	0	0	0	0	0	1	1	5	9	8	7	4	4	1	1	4	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	2	3	5	8	9	9	8	6	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	3	10	11	7	5	4	4	2
30	5	6	8	12	16	15	14	15	10	****	16	15	16	13	9	7	1	2	4	5	6	3	5	2	9
31	3	3	4	11	7	5	6	6	7	8	7	8	7	7	7	7	9	11	5	4	5	4	1	1	6
MEAN	4	5	5	6	6	6	4	4	4	7	9	10	12	11	10	9	6	5	4	4	4	4	5	5	6.1

PERCENTAGE OF DATA VALID - 89.8 PERCENTAGE OF DATA INVALID - 10.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	8.5	20	37
FEB	28	12.5	23	49
MAR	31	19.4	33	57
APR	30	20.4	39	96
MAY	31	29.6	47	103
JUN	28	30.0	67	108
JUL	31	37.8	68	131
AUG	29	33.0	60	112
SEP	25	21.0	34	77
OCT	31	9.4	28	64
NOV	26	8.3	20	48
DEC	27	6.1	15	27
YEAR	342	19.9	68	131

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	407	208	5	0	0	0	0	0	620
FEB	336	268	52	0	0	0	0	0	656
MAR	215	359	134	9	0	0	0	0	717
APR	223	310	122	31	4	0	0	0	690
MAY	165	244	197	103	15	2	0	0	726
JUN	151	231	140	93	30	2	0	0	647
JUL	139	182	207	146	46	8	3	0	731
AUG	142	229	167	126	36	3	0	0	703
SEP	202	252	129	36	0	0	0	0	619
OCT	454	244	15	8	0	0	0	0	721
NOV	452	190	12	0	0	0	0	0	654
DEC	516	152	0	0	0	0	0	0	668
YEAR	3402	2869	1180	552	131	15	3	0	8152

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
92.8	0	0.3	5.4	13.9	24.5	46.7	60.3	78.4	89.1	131	19.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	19	19	18	18	18	19	20	20	20	19	19	10	5	2	0	2	2	0	0	0	0	12
2	0	0	0	0	0	4	7	9	5	3	3	3	4	2	1	1	1	1	1	15	18	19	21	21	6
3	19	20	21	21	20	21	21	21	18	20	18	17	15	19	21	16	17	13	13	13	18	16	16	15	18
4	17	15	15	15	12	8	7	8	2	2	4	9	10	10	7	6	5	9	10	10	10	10	12	13	9
5	15	14	15	16	12	10	11	10	11	12	14	15	16	18	18	19	19	16	13	12	8	5	1	0	13
6	1	5	3	1	0	0	0	0	2	12	13	17	21	23	23	23	21	20	16	15	11	8	9	8	11
7	11	15	19	19	20	12	12	10	8	11	12	12	15	16	16	16	17	18	17	16	15	15	13	12	14
8	10	10	11	10	8	11	11	12	13	15	15	14	17	17	18	18	19	18	16	16	14	10	8	6	13
9	8	12	10	10	11	14	16	16	16	16	17	17	19	18	16	11	8	7	6	1	0	0	0	0	10
10	1	3	7	8	5	5	4	2	8	8	7	4	7	7	6	5	4	1	0	0	0	0	0	0	4
11	3	6	7	8	10	12	15	18	16	18	18	18	20	19	18	16	16	17	20	19	17	16	15	15	15
12	16	15	17	20	21	21	20	18	18	19	19	20	19	19	19	17	13	10	9	7	9	12	7	12	**
13	16	16	16	16	13	10	8	4	4	7	10	11	10	10	11	11	10	8	8	9	6	6	6	7	10
14	9	13	12	11	10	10	10	8	5	6	7	8	10	13	14	14	10	4	0	0	3	8	9	10	9
15	11	13	14	12	11	2	0	1	5	9	11	14	16	15	17	18	16	15	6	4	5	7	4	3	10
16	6	7	9	4	2	4	8	4	6	8	9	11	12	12	12	10	8	6	1	0	0	0	0	0	6
17	0	0	0	2	4	4	4	5	6	6	7	8	8	12	8	4	2	1	0	2	1	0	1	1	4
18	1	1	2	3	3	4	2	3	3	3	3	3	3	3	4	6	7	3	3	5	8	7	8	10	4
19	11	8	5	3	11	9	2	0	1	2	3	5	9	13	14	13	15	15	12	11	6	12	17	20	9
20	20	18	18	18	17	16	15	15	16	18	19	20	23	24	24	24	23	17	10	5	3	6	5	5	16
21	6	11	11	11	10	12	11	10	7	6	8	12	14	14	14	11	11	7	8	10	11	7	8	10	10
22	15	21	19	17	12	9	7	6	4	4	5	5	10	11	12	14	18	15	12	8	5	6	8	2	10
23	8	14	17	18	18	21	22	19	20	21	21	21	23	23	23	23	22	22	21	21	21	22	22	22	20
24	22	16	8	13	15	17	14	11	10	10	13	17	20	19	****	19	18	15	15	11	1	0	3	4	13
25	9	9	5	8	8	10	7	7	9	13	13	14	16	16	19	13	11	9	3	1	7	14	6	5	10
26	3	1	0	0	0	0	0	2	6	9	14	20	26	28	31	32	30	15	5	9	21	16	17	19	13
27	17	17	15	10	10	11	9	2	5	6	8	12	21	26	23	18	16	9	9	13	16	18	13	16	13
28	18	19	14	12	18	21	18	12	13	15	17	18	21	21	19	19	18	13	14	15	14	12	11	11	16
29	11	12	12	13	9	6	5	4	4	6	10	15	19	19	21	22	23	18	14	15	9	5	1	0	11
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31	25	25	24	24	23	23	22	22	22	21	21	22	25	25	26	23	22	21	21	21	23	25	25	24	23
MEAN	11	11	11	11	11	11	10	9	10	11	12	14	16	17	16	15	14	12	10	10	10	10	9	10	11.7

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	23	23	25	24	23	23	23	22	20	21	****	22	24	25	27	28	27	23	24	24	23	19	20	23
2	13	12	12	4	14	17	15	13	15	22	24	26	27	28	30	27	22	22	23	21	21	19	17	17	19
3	15	13	9	8	2	0	0	5	12	19	25	25	28	28	29	30	31	31	30	27	27	27	26	26	20
4	26	26	26	26	26	25	25	24	23	23	24	25	27	28	28	27	24	23	22	11	4	6	7	5	21
5	6	11	13	14	11	13	12	10	10	17	18	23	24	24	24	25	25	20	19	19	18	20	23	26	18
6	26	27	28	28	27	21	18	11	10	12	17	18	21	22	23	20	20	21	14	14	10	11	13	8	18
7	6	6	4	3	4	8	8	8	14	18	21	21	25	26	28	28	28	21	18	15	6	6	6	4	14
8	5	0	0	0	0	0	0	0	3	10	17	21	26	28	30	30	30	22	15	15	14	15	13	10	13
9	0	3	8	11	10	23	24	25	25	25	26	28	30	30	30	31	32	31	29	27	24	18	26	29	23
10	20	20	15	21	19	19	18	14	15	16	23	29	30	32	32	27	25	25	25	32	33	33	33	29	24
11	28	27	26	26	26	24	27	26	26	29	32	32	30	30	32	28	25	27	26	23	21	18	18	18	26
12	16	15	14	12	12	13	11	11	11	14	16	17	20	23	24	****	21	22	23	23	23	25	25	18	18
13	13	12	12	11	10	10	10	10	9	14	13	17	22	25	25	26	27	22	13	14	17	19	19	19	16
14	15	12	7	7	11	12	14	13	12	11	14	20	26	31	34	34	33	31	18	10	18	17	21	23	19
15	26	27	29	30	30	28	27	27	27	27	28	26	27	28	30	30	27	26	27	26	26	14	18	14	26
16	15	18	18	16	12	15	23	24	25	25	27	27	30	31	31	31	31	30	28	26	24	21	16	8	23
17	5	10	24	26	24	19	19	14	16	18	27	29	32	36	35	34	34	34	36	37	34	26	23	25	26
18	24	23	20	20	18	17	16	19	19	23	25	27	33	36	38	39	40	35	32	29	22	15	14	16	25
19	16	17	18	20	20	17	16	17	20	21	22	22	22	23	23	22	22	23	23	20	21	22	20	17	20
20	10	3	0	0	0	0	1	9	14	17	15	12	10	11	11	10	9	6	5	5	2	0	0	0	6
21	0	0	0	0	0	0	0	0	0	4	9	15	19	21	25	24	24	25	25	23	21	22	15	9	12
22	0	2	3	3	4	6	7	8	7	9	8	5	9	7	6	4	4	1	1	5	4	5	5	5	5
23	6	3	0	0	0	0	0	3	5	11	11	13	15	16	16	15	14	8	5	6	7	7	5	2	7
24	0	2	7	6	3	16	20	21	24	25	26	26	25	25	25	25	25	24	19	14	16	17	16	16	18
25	18	17	15	16	15	15	21	19	19	21	28	28	31	30	30	30	30	30	30	29	28	28	27	27	24
26	26	26	26	25	25	24	24	24	24	25	25	26	28	29	26	26	27	27	27	31	32	32	32	29	27
27	27	26	23	17	14	11	11	12	14	16	22	27	27	28	28	29	28	28	27	26	26	25	24	21	22
28	23	25	26	26	23	19	17	17	14	25	26	24	26	26	****	23	23	23	25	21	11	7	25	27	22
29	25	25	19	15	23	23	24	23	21	22	23	23	24	24	25	26	28	28	20	17	16	10	13	17	21
MEAN	15	15	15	14	14	14	15	15	16	19	21	23	25	26	27	26	25	24	22	20	19	18	18	17	19.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	16	17	17	16	16	17	18	19	21	22	23	27	28	29	29	28	27	25	21	17	14	21
2	13	9	11	14	17	18	18	19	19	20	21	25	27	28	29	30	30	29	17	14	16	20	17	14	20
3	13	14	14	14	15	16	17	20	21	21	23	22	23	24	26	31	32	31	25	26	31	30	26	21	22
4	19	20	20	19	16	15	14	12	14	16	19	21	21	23	25	26	24	22	19	17	17	28	29	24	20
5	18	19	20	14	11	8	8	8	7	8	6	9	12	19	25	29	27	27	28	28	28	28	25	23	18
6	23	23	24	25	26	23	19	19	21	25	26	30	30	29	28	29	30	30	29	29	29	29	29	27	26
7	24	24	24	24	22	19	11	8	11	16	20	21	23	24	29	35	38	32	33	36	36	36	35	31	26
8	29	27	27	25	20	11	8	10	13	14	16	19	17	20	20	25	33	37	34	30	29	35	38	31	24
9	31	29	28	26	18	13	18	24	28	31	36	38	42	42	45	47	43	39	39	36	37	36	35	35	33
10	32	31	29	27	26	25	23	20	20	24	26	27	25	25	23	26	29	29	29	31	32	31	31	30	27
11	28	27	27	24	25	26	27	24	24	25	25	27	27	28	29	29	29	25	27	27	28	27	27	25	27
12	22	22	23	23	23	23	21	18	18	22	25	26	26	26	26	31	31	30	26	23	27	23	24	24	25
13	26	26	26	26	26	26	26	24	23	23	22	22	20	19	19	18	18	13	13	9	5	2	5	0	18
14	0	0	1	9	18	19	20	23	24	27	27	30	32	36	36	36	36	36	34	29	23	19	21	19	23
15	19	23	23	22	17	16	19	21	22	23	23	27	29	28	29	31	34	35	37	34	32	32	32	32	27
16	34	34	24	26	25	22	22	22	23	24	25	26	26	28	30	31	34	36	36	35	37	34	31	28	29
17	25	24	26	25	24	24	24	23	21	20	19	20	23	18	17	17	14	15	11	18	21	23	21	24	21
18	24	25	25	26	26	28	28	27	27	27	25	24	29	28	30	31	32	32	29	30	31	29	29	27	28
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	****	****	****	****	12	25	25	26	26	24	22	16	18	19	21	******
26	20	21	20	16	14	12	12	12	13	14	16	21	24	27	24	22	23	****	26	22	23	23	21	19	19
27	21	17	17	19	17	16	14	15	15	19	23	27	29	31	32	33	****	****	****	****	****	****	****	****	22
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	22	22	21	21	20	19	18	18	19	21	22	24	25	26	28	29	30	29	27	26	26	26	26	23	23.7

PERCENTAGE OF DATA VALID - 64.8 PERCENTAGE OF DATA INVALID - 35.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	24	22	17	15	19	20	19	******
11	20	20	23	23	22	22	13	16	19	23	23	23	24	25	27	30	30	29	29	30	30	32	33	32	25
12	31	26	15	6	5	8	11	15	22	23	23	21	17	19	28	30	32	29	29	25	29	28	29	27	22
13	25	26	26	23	13	12	13	14	17	23	26	31	31	34	34	32	31	30	28	27	25	24	23	22	25
14	19	17	17	14	17	20	19	18	18	19	19	21	25	25	24	22	19	21	19	20	25	24	23	21	20
15	23	24	25	24	24	24	21	20	18	18	17	15	14	14	15	20	23	24	25	27	29	25	19	23	21
16	22	25	25	24	25	26	20	28	28	29	30	30	29	30	31	32	33	33	33	32	28	23	23	24	28
17	20	21	24	28	28	29	27	24	24	26	27	34	33	36	****	40	42	44	44	39	39	43	44	42	33
18	41	38	34	26	20	20	21	23	27	30	31	36	54	63	56	50	56	58	40	28	18	19	23	26	35
19	28	30	35	35	39	41	23	15	25	30	39	49	65	64	64	72	75	75	74	64	59	51	47	43	48
20	41	41	42	41	32	30	28	29	36	40	48	44	43	44	44	44	43	40	38	35	27	26	27	27	37
21	23	21	19	13	10	10	11	12	17	20	26	32	36	37	38	39	37	36	34	29	27	26	30	31	26
22	30	30	32	34	28	27	25	21	21	23	28	38	48	50	50	50	49	46	41	40	43	45	37	31	36
23	28	28	29	30	29	30	24	24	26	27	24	26	29	30	32	****	28	28	27	23	24	27	24	17	27
24	20	20	22	24	20	19	18	22	23	29	30	30	33	33	35	33	29	25	23	25	22	22	21	15	25
25	18	18	18	18	19	22	26	20	22	24	28	27	31	36	38	42	36	34	25	12	12	14	17	14	24
26	11	10	5	4	7	9	8	15	17	21	29	34	39	40	44	48	48	46	31	18	16	16	14	12	23
27	9	9	10	10	9	8	7	6	11	24	37	46	45	38	38	40	39	42	44	43	41	38	35	33	28
28	29	21	19	27	26	22	22	23	30	35	35	36	37	41	47	52	53	55	47	39	41	42	39	42	36
29	42	41	38	35	32	26	24	30	29	28	32	29	33	35	34	35	34	32	31	19	12	6	18	9	29
30	12	13	15	13	13	11	10	12	12	13	16	18	20	21	23	23	22	25	25	19	19	17	12	9	16
MEAN	25	24	24	23	21	21	19	19	22	25	28	31	34	36	37	39	37	37	34	29	28	27	27	25	27.9

PERCENTAGE OF DATA VALID - 67.5 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 27.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD. MERLIN MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	8	1	2	4	7	7	8	9	10	13	18	15	34	41	44	42	34	28	23	18	15	12	17
2	7	3	3	1	1	3	6	14	21	26	34	36	47	45	45	45	47	37	30	27	23	20	17	18	23
3	18	18	18	10	12	12	11	16	21	32	36	31	46	53	61	50	38	32	29	22	21	19	21	19	27
4	16	18	16	15	15	14	17	24	26	32	35	47	45	44	43	48	52	54	42	29	30	42	36	25	32
5	19	18	17	17	17	18	22	27	30	39	47	57	60	56	57	51	50	50	46	37	27	31	30	25	35
6	23	24	20	12	13	13	11	18	19	22	25	27	30	30	32	32	33	34	29	27	25	26	30	37	25
7	29	28	26	25	24	24	22	20	18	21	23	26	28	28	28	27	26	26	25	19	18	15	11	9	23
8	12	12	7	11	12	14	17	19	22	24	27	28	29	28	28	29	30	30	28	20	18	16	15	14	20
9	13	12	11	12	11	8	7	12	18	25	28	29	28	29	30	32	33	33	33	30	23	16	11	13	21
10	16	18	18	13	15	13	10	15	23	28	31	36	43	49	51	55	53	49	49	47	48	47	43	39	34
11	40	42	42	40	39	37	37	34	32	31	31	36	40	43	49	54	55	53	47	36	29	21	19	12	37
12	16	15	13	11	7	10	11	15	11	21	28	31	30	34	34	30	25	27	24	18	17	29	32	31	22
13	32	35	37	39	41	42	40	36	24	20	23	28	32	36	38	36	33	49	42	36	36	36	33	25	33
14	25	31	34	38	37	31	28	25	22	22	21	22	27	27	28	27	24	23	27	21	17	16	19	19	25
15	21	20	18	13	14	14	6	3	7	15	21	30	****	****	****	****	****	****	****	****	****	****	****	****	******
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	55	45	38	34	34	******
23	32	32	37	37	28	25	27	31	40	50	58	66	66	60	60	62	62	58	59	63	60	53	45	35	48
24	25	22	25	30	27	25	24	34	39	39	43	48	54	54	56	64	71	52	47	46	42	41	35	30	41
25	34	33	40	42	39	35	27	27	26	29	31	36	34	36	37	31	32	32	31	28	26	24	21	20	31
26	22	21	21	18	16	14	15	19	22	26	32	35	38	40	41	42	40	39	37	37	34	25	23	19	28
27	14	12	12	13	15	12	14	20	22	29	34	34	41	42	43	44	44	40	39	33	28	25	28	28	23
28	18	23	22	20	15	12	12	14	20	32	53	63	56	63	66	63	56	57	49	47	49	65	58	58	41
29	51	45	40	32	26	24	21	28	30	33	34	35	37	43	47	52	59	59	59	61	63	58	57	51	44
30	43	40	38	37	35	32	29	29	31	32	34	39	48	51	51	52	53	43	28	29	35	30	34	33	38
31	31	30	31	40	42	36	26	29	30	37	39	42	39	37	36	32	30	27	****	****	****	****	****	****	34
MEAN	24	23	23	22	21	20	19	22	23	28	32	37	40	41	43	44	43	41	38	35	32	31	29	26	30.5

PERCENTAGE OF DATA VALID - 75.7 PERCENTAGE OF DATA INVALID - 24.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD. MERLIN MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	44	43	38	36	34	30	28	26	26	26	******
3	29	29	28	30	30	29	27	26	25	27	30	29	27	25	24	29	30	32	32	32	25	23	17	14	27
4	11	9	9	8	9	12	13	14	18	21	26	28	28	28	28	30	31	31	30	26	25	21	17	15	20
5	14	16	17	9	1	5	6	15	21	23	25	27	30	36	38	39	36	34	32	34	35	34	32	31	25
6	36	35	33	33	35	31	31	30	29	30	32	38	54	56	53	46	52	53	51	44	35	35	28	29	39
7	25	20	20	23	24	24	29	34	37	41	43	43	44	41	37	39	43	45	36	35	30	29	30	30	33
8	41	38	34	31	23	15	14	15	16	17	19	21	25	28	29	30	29	27	25	24	21	18	18	19	24
9	24	24	20	18	17	22	20	19	20	22	20	22	23	25	26	28	27	27	27	21	20	24	25	25	23
10	21	19	17	14	13	12	13	13	14	14	17	21	26	27	29	35	36	35	31	26	20	18	21	17	21
11	11	14	18	18	17	15	18	21	23	23	26	31	34	38	38	38	38	38	34	31	30	28	28	28	27
12	25	23	22	24	23	19	14	15	21	26	30	34	37	****	36	37	48	50	50	47	41	37	34	34	32
13	20	14	15	15	15	24	28	35	42	46	48	53	52	60	64	66	69	71	63	52	62	65	73	63	46
14	44	36	35	27	26	28	31	37	39	41	42	47	50	54	49	47	53	57	45	44	24	22	36	37	40
15	32	40	41	40	34	26	28	30	32	42	43	43	37	18	16	15	15	15	17	18	19	19	19	18	27
16	18	16	16	16	16	14	13	15	18	20	24	26	27	34	32	31	26	26	27	26	23	19	14	12	21
17	10	12	13	14	16	14	13	18	23	26	28	36	44	51	52	55	53	51	52	53	50	47	47	48	34
18	43	42	32	27	24	23	25	29	34	****	****	59	62	56	76	79	66	47	45	37	38	29	27	26	42
19	22	19	17	15	17	17	28	32	39	47	53	70	74	75	78	81	55	46	45	28	18	19	28	31	40
20	32	37	42	40	28	22	22	21	23	25	29	32	40	48	48	45	44	44	41	31	16	10	4	16	31
21	12	10	5	1	5	16	23	27	28	30	34	40	43	53	54	53	52	46	45	44	31	25	25	24	30
22	22	26	26	12	8	10	14	19	25	37	53	58	68	76	83	81	81	81	84	75	73	72	72	66	51
23	51	29	30	22	18	20	27	40	52	58	66	75	87	98	93	110	113	125	137	135	128	100	98	98	75
24	88	78	66	51	37	30	23	24	29	39	48	49	58	58	58	59	58	59	58	48	41	39	22	16	47
25	27	34	41	39	24	19	20	22	28	38	42	51	56	54	53	72	71	65	61	53	38	44	47	48	44
26	43	39	39	28	23	21	21	27	27	29	48	52	70	80	84	82	80	77	66	64	49	42	32	32	48
27	39	39	37	30	26	22	19	19	22	23	28	27	30	31	29	29	30	29	25	22	19	18	13	11	26
28	10	9	7	7	12	16	21	23	30	46	54	66	86	96	56	52	55	58	52	43	31	34	38	41	39
29	32	27	30	30	23	21	26	30	36	41	44	59	59	58	60	58	55	56	50	40	36	30	28	26	40
30	24	18	13	16	21	20	20	21	22	23	23	25	29	32	34	38	42	42	38	30	26	17	13	14	49
MEAN	29	27	26	23	20	20	21	24	28	32	36	42	46	49	48	50	49	48	46	41	36	33	31	31	34.9

PERCENTAGE OF DATA VALID - 94.3 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	15	18	18	15	15	22	26	30	33	40	53	54	55	59	63	70	62	57	55	51	47	46	39
2	43	43	34	26	36	31	28	25	21	22	25	28	36	40	45	52	43	41	40	37	29	18	15	11	32
3	8	7	7	5	1	2	4	6	14	25	43	45	45	54	59	61	66	68	65	64	57	46	46	27	34
4	29	29	29	26	18	13	16	43	56	57	68	71	83	85	90	93	103	92	77	68	74	70	56	57	58
5	62	59	40	38	28	23	21	15	14	18	30	37	47	65	64	65	66	64	51	43	28	29	26	25	40
6	26	21	16	16	17	18	19	25	23	24	24	26	28	28	28	29	29	28	27	22	5	3	3	12	21
7	14	20	20	22	17	6	15	23	28	22	32	32	41	50	54	58	60	62	64	58	56	46	48	48	37
8	46	43	36	38	38	37	35	32	32	43	45	42	43	52	43	38	35	32	31	28	18	13	12	2	34
9	3	3	6	7	7	3	5	7	14	24	24	27	29	27	31	38	51	52	51	45	31	16	16	20	22
10	15	13	11	11	11	9	6	16	21	28	38	41	47	47	49	49	54	55	56	36	25	37	40	49	32
11	51	51	48	37	23	12	11	16	28	38	59	67	76	112	100	76	62	57	56	44	39	28	20	13	47
12	15	12	12	20	21	20	18	19	19	22	27	27	26	29	30	30	31	32	26	25	15	10	5	3	21
13	7	9	9	8	8	6	7	9	15	26	30	37	40	42	45	46	46	43	41	38	32	28	21	22	26
14	18	29	34	23	20	13	19	30	33	30	34	38	43	52	55	59	62	71	79	85	80	79	74	61	47
15	53	53	55	50	45	40	39	39	40	45	64	79	92	70	55	57	91	85	74	71	79	77	54	31	60
16	23	20	19	17	19	16	10	14	16	28	29	33	41	49	56	63	70	77	63	45	43	42	37	51	37
17	52	43	36	25	23	22	19	19	24	36	39	43	50	52	55	50	39	50	43	36	26	25	21	16	35
18	13	15	7	3	3	3	10	14	15	20	29	35	36	37	40	41	42	45	41	38	37	37	34	30	26
19	35	39	34	27	24	27	29	32	43	56	62	73	80	81	85	86	74	69	64	60	55	50	43	31	52
20	15	19	24	30	34	31	31	36	39	54	63	72	77	82	87	98	99	98	101	102	81	69	62	59	61
21	59	56	46	36	37	32	28	26	36	44	52	79	96	****	79	90	78	69	54	42	36	34	32	36	51
22	31	32	29	21	18	21	29	27	24	29	32	34	38	42	61	73	71	60	38	33	28	22	19	15	34
23	14	11	8	5	5	7	9	10	10	11	15	21	22	22	22	23	23	23	23	20	13	9	7	4	14
24	2	0	0	0	0	0	2	8	10	13	18	22	23	23	27	31	34	35	32	23	13	12	13	11	15
25	15	14	14	12	12	10	14	21	35	37	40	44	51	53	61	66	68	67	61	57	55	53	51	54	40
26	51	43	30	22	24	14	19	32	41	55	54	62	79	82	77	77	77	71	65	61	46	36	33	29	49
27	41	50	62	66	59	40	27	31	42	49	56	61	67	71	70	57	51	52	50	49	51	49	42	35	51
28	39	36	34	37	35	24	26	23	25	25	28	29	33	37	37	37	38	44	36	27	22	19	18	17	30
29	11	6	8	6	0	0	1	4	11	19	36	42	29	45	60	92	79	77	67	49	36	25	23	32	32
30	20	21	15	7	7	8	9	9	17	22	27	28	28	40	45	36	48	66	75	72	61	62	60	46	35
31	41	45	39	37	24	26	26	24	16	19	28	30	37	47	60	71	76	60	69	56	40	42	53	45	42
MEAN	28	28	25	22	20	17	18	21	25	31	38	43	49	52	56	58	59	59	54	48	41	37	33	30	37.2

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	30	30	32	27	25	24	26	27	34	48	60	65	67	68	65	68	63	62	56	52	48	44	32	45
2	32	30	20	17	21	16	17	25	37	33	38	43	47	43	37	38	41	40	36	32	27	21	21	25	31
3	17	27	29	40	35	27	26	22	31	36	39	44	48	44	42	41	40	40	50	50	46	34	35	21	36
4	17	19	26	21	30	33	28	38	39	44	44	45	44	44	48	54	54	54	51	47	48	48	45	42	40
5	35	36	37	32	29	26	20	19	22	23	30	39	46	39	28	43	42	48	46	41	34	37	28	25	34
6	18	16	16	15	14	12	14	22	22	25	35	38	40	48	44	44	48	51	50	49	37	32	34	27	31
7	29	32	24	21	24	26	24	21	22	25	37	45	47	54	63	67	65	61	56	52	45	31	29	30	39
8	26	30	29	21	15	13	14	19	25	34	36	41	44	57	69	75	69	64	59	52	45	30	26	20	38
9	18	15	20	27	26	19	20	23	27	31	34	36	40	41	40	36	35	35	28	25	22	17	16	14	27
10	16	13	13	13	13	12	16	19	19	19	21	23	25	25	30	32	36	38	37	31	25	26	18	21	23
11	15	10	7	7	5	5	5	4	6	13	22	31	37	42	47	46	43	46	51	42	31	32	26	24	25
12	24	22	17	18	11	10	12	19	22	23	27	32	38	43	50	48	41	40	35	28	17	13	11	8	25
13	5	4	3	4	5	3	3	7	13	17	21	26	34	37	41	54	59	53	42	35	38	48	39	24	26
14	22	27	35	24	31	24	13	15	****	36	31	35	39	47	58	61	57	49	45	39	32	29	24	24	35
15	23	22	22	17	15	11	11	12	16	23	27	43	47	40	37	32	27	20	17	14	11	10	7	5	21
16	6	6	2	3	5	4	4	6	9	15	19	20	20	20	20	21	21	16	16	14	11	8	6	3	11
17	1	3	11	21	20	22	24	22	20	16	16	16	17	18	17	20	23	24	26	27	26	20	13	12	18
18	10	9	8	6	6	6	8	10	12	23	31	36	36	39	40	43	43	49	53	47	37	35	26	20	26
19	15	10	4	8	9	7	4	8	17	21	28	37	38	43	55	56	61	66	69	51	37	39	40	46	32
20	40	36	35	36	30	23	14	13	22	30	37	43	43	43	56	68	79	81	74	54	45	36	33	25	42
21	26	26	28	24	15	6	3	17	24	25	27	37	63	76	59	34	31	31	31	29	30	30	30	23	30
22	16	9	10	13	14	14	12	12	17	25	25	25	28	25	24	24	24	24	23	16	10	9	10	11	18
23	9	9	6	8	10	7	6	12	18	20	23	25	27	30	30	32	31	31	28	18	14	9	8	5	17
24	6	9	6	4	3	0	1	1	6	18	30	44	46	48	50	49	48	43	32	23	13	11	17	11	22
25	28	25	14	19	11	2	2	8	12	18	****	34	45	48	48	48	51	54	40	32	28	28	26	26	28
26	26	25	23	14	18	21	16	17	30	33	49	65	69	72	79	76	79	72	64	55	43	35	37	38	44
27	39	41	40	32	24	17	16	18	24	34	47	56	70	72	76	90	88	83	81	58	54	67	59	66	52
28	63	32	27	25	22	17	17	16	17	20	30	38	47	49	55	59	60	56	48	47	41	37	32	30	37
29	30	26	26	26	20	15	13	17	24	33	47	60	71	74	76	82	86	118	99	66	46	47	50	46	50
30	39	46	36	32	33	35	31	23	25	30	31	36	44	47	56	60	62	61	40	35	36	36	35	36	39
31	35	33	25	22	18	14	13	13	17	23	30	30	34	40	45	49	42	34	30	23	23	27	24	29	28
MEAN	23	22	20	19	18	15	14	16	21	26	32	38	43	46	48	50	50	50	46	38	32	30	27	25	31.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	23	21	29	30	22	17	14	16	18	21	29	34	38	40	40	38	36	32	29	21	21	20	19	27
2	20	16	13	9	8	6	4	5	9	9	15	19	29	31	36	42	46	42	32	26	20	18	18	11	20
3	8	6	3	0	0	4	5	6	16	25	29	31	36	****	39	40	43	41	32	23	23	32	35	39	22
4	34	27	15	15	16	11	9	17	33	36	41	41	50	50	53	52	46	46	43	34	31	27	26	25	32
5	34	18	15	12	10	9	9	14	26	32	39	42	63	72	75	71	68	63	41	38	36	36	36	23	37
6	36	26	32	27	15	11	11	11	27	39	45	45	32	58	62	53	42	29	23	16	13	6	3	0	28
7	0	2	3	6	4	0	0	1	4	12	22	37	43	43	46	46	42	39	34	27	29	22	12	15	20
8	9	14	16	15	12	7	5	5	18	29	41	55	61	63	70	79	79	79	53	39	30	34	32	35	37
9	37	33	22	21	32	36	34	37	28	20	****	32	42	46	46	35	22	16	15	9	10	11	9	6	26
10	10	12	11	13	14	13	12	12	14	17	21	24	31	36	40	44	45	41	27	21	21	19	19	10	22
11	8	6	2	3	3	8	17	27	30	35	37	38	41	46	51	59	60	54	48	41	33	30	23	18	30
12	13	12	10	14	14	13	5	10	18	25	38	41	49	00	53	10	15	00	39	37	20	10	10	17	29
13	16	12	10	11	15	18	6	9	9	10	10	17	36	45	45	53	55	56	58	50	41	39	46	44	30
14	39	32	23	15	11	11	13	15	21	23	27	30	36	31	24	19	18	17	16	16	18	20	18	18	21
15	18	16	14	14	11	10	5	6	8	12	17	18	21	23	25	28	29	29	22	12	13	10	9	24	16
16	27	24	16	18	21	23	22	21	27	28	30	28	30	29	27	27	29	29	29	31	29	31	32	34	27
17	30	28	27	27	28	27	26	18	12	18	****	22	19	20	19	20	21	20	16	9	8	8	8	8	19
18	14	12	5	1	0	2	6	10	14	20	23	26	31	34	35	33	37	42	37	30	28	25	26	27	22
19	32	28	23	23	20	13	6	7	12	22	31	37	46	48	53	57	60	65	63	60	61	60	42	44	38
20	52	49	36	40	40	41	39	38	36	32	35	44	55	66	73	81	81	72	63	46	38	38	40	47	49
21	47	43	41	41	37	28	24	24	25	29	31	44	56	63	65	75	71	65	58	54	53	41	36	35	45
22	30	26	22	18	17	16	16	17	21	19	19	21	36	45	50	55	60	60	45	27	24	21	20	27	30
23	26	21	16	15	8	9	8	9	9	12	12	14	26	26	26	26	25	25	21	13	12	11	13	13	17
24	11	11	10	8	5	5	5	5	6	11	22	25	29	30	31	32	32	32	23	17	9	13	14	10	17
25	12	13	14	12	12	5	3	1	5	18	20	21	23	30	40	44	41	39	28	23	35	19	13	20	20
26	25	24	23	18	18	19	19	18	18	18	20	20	24	24	26	27	25	23	20	17	13	13	7	3	19
27	6	5	3	5	2	1	1	7	9	19	22	23	25	26	27	29	32	36	28	26	26	19	10	9	17
28	7	3	5	6	6	5	5	6	11	15	20	24	27	27	28	29	30	29	16	18	17	14	10	11	15
29	10	8	8	11	10	11	18	22	28	31	35	42	48	49	56	58	57	60	49	49	53	53	47	42	36
30	36	31	13	5	0	2	4	7	14	18	22	34	45	46	49	50	54	53	47	45	48	50	35	30	31
MEAN	23	19	16	15	14	13	12	13	17	22	27	31	37	42	44	45	44	43	35	29	27	25	23	22	26.6

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	****	****	****	****	****	****	17	13	10	14	19	25	31	31	31	32	32	25	10	6	1	8	7	6	18
3	11	6	8	7	5	4	5	9	11	13	13	16	20	22	22	15	11	6	1	0	9	16	16	17	11
4	16	18	18	16	16	16	16	15	15	18	19	20	21	19	18	18	18	18	18	21	18	16	15	14	17
5	11	9	6	4	9	11	13	14	15	16	17	18	20	21	21	21	21	21	16	13	6	0	0	0	13
6	0	1	0	3	7	9	7	11	15	14	19	24	28	29	30	32	31	30	29	31	28	27	26	24	19
7	22	19	11	1	0	2	1	2	7	10	12	18	24	25	30	28	18	20	21	16	16	16	20	23	15
8	21	17	17	19	20	19	17	17	19	21	22	23	29	32	40	62	65	61	44	37	34	25	20	19	29
9	18	18	15	11	7	5	6	6	7	11	17	20	21	22	24	26	28	28	19	8	11	10	9	9	15
10	6	5	3	0	0	0	0	3	5	19	23	27	28	28	31	35	38	34	18	18	24	13	10	14	16
11	18	15	13	15	11	7	7	8	7	7	6	6	8	9	11	11	9	7	2	3	2	6	12	12	9
12	14	14	16	17	18	19	19	19	18	18	16	17	17	17	18	18	21	22	18	17	15	12	11	15	17
13	15	13	13	13	9	3	1	19	21	22	20	22	24	24	25	26	26	23	11	7	1	3	4	0	13
14	4	3	3	4	4	2	1	3	6	6	8	12	13	16	17	18	18	16	14	14	16	20	19	18	11
15	11	8	7	5	4	4	3	3	4	8	10	12	12	12	13	16	17	18	15	11	7	7	6	5	9
16	3	3	3	3	2	0	0	0	1	3	4	12	17	****	24	25	27	26	21	23	29	32	31	35	14
17	38	38	41	40	38	37	31	30	30	29	30	30	28	30	30	27	27	27	24	23	22	21	21	18	30
18	15	15	14	12	12	18	16	16	17	17	18	20	20	21	23	23	26	28	24	20	20	19	16	13	18
19	12	12	12	9	12	16	16	15	14	12	11	12	11	10	13	10	9	16	13	12	14	13	12	11	12
20	16	12	11	11	12	10	7	5	7	8	8	13	11	18	18	16	11	6	1	0	2	4	9	14	10
21	14	13	12	12	7	3	0	1	4	9	15	18	20	23	24	24	23	16	11	11	6	9	10	6	12
22	5	5	5	4	6	3	4	3	4	12	16	19	23	23	24	23	20	19	11	11	9	10	9	8	12
23	8	10	14	15	13	10	9	5	7	16	17	17	18	20	22	23	22	20	20	20	19	17	19	16	16
24	15	13	12	12	9	8	8	8	9	9	10	12	13	16	17	15	12	13	12	11	10	9	10	16	12
25	15	13	12	11	9	4	3	2	2	3	2	2	4	7	8	8	10	6	6	7	11	11	9	7	7
26	6	6	5	6	7	9	10	11	12	13	13	13	13	13	13	13	12	15	16	15	13	14	16	15	12
27	15	15	15	15	15	13	13	13	13	13	12	12	16	16	16	16	14	12	9	8	12	12	10	7	13
28	3	0	0	0	0	0	0	2	4	10	15	16	17	20	22	22	22	20	16	12	8	6	6	7	10
29	2	2	0	0	0	0	0	0	3	4	10	18	****	27	27	27	27	13	14	10	7	0	0	0	8
30	0	0	1	6	7	4	7	8	3	7	13	17	19	21	22	21	19	18	20	19	13	9	9	9	11
31	7	6	6	6	6	6	6	6	7	8	10	14	14	14	14	15	13	9	11	7	5	8	7	7	9
MEAN	12	11	10	10	9	8	8	9	10	12	14	17	19	20	22	22	22	20	16	14	13	12	12	12	13.9

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	1	7	7	4	4	2	6	13	13	17	17	17	15	14	11	8	8	11	12	12	14	14	10
2	13	13	13	13	9	12	12	13	17	20	21	24	23	23	25	21	18	12	6	10	12	16	14	8	15
3	14	12	12	12	10	11	11	12	13	15	15	17	19	27	39	37	33	35	36	35	31	28	27	26	22
4	24	24	28	20	14	12	9	6	2	2	1	****	****	4	4	2	1	6	7	5	5	4	5	4	9
5	3	2	0	4	2	5	5	2	1	5	13	15	16	16	15	15	12	6	3	0	2	0	0	0	6
6	0	0	0	0	0	0	5	9	9	12	13	15	18	18	19	19	17	17	15	14	14	11	11	11	10
7	13	14	13	13	13	13	13	14	14	14	15	15	17	17	18	20	18	16	10	11	11	11	12	10	14
8	5	4	6	6	6	8	14	9	****	****	17	20	21	20	20	20	18	18	17	17	14	9	3	5	13
9	8	7	8	9	15	19	15	13	12	15	15	17	17	17	17	17	15	14	12	10	7	5	3	3	12
10	10	13	18	19	19	19	19	19	20	20	20	23	26	26	25	24	23	21	21	23	24	24	24	24	21
11	22	22	23	23	23	23	23	23	20	21	21	23	23	19	23	23	23	23	23	23	23	23	21	18	22
12	15	13	12	14	13	12	12	13	15	18	****	19	17	16	15	****	****	8	7	8	8	12	8	9	13
13	11	5	8	10	13	14	11	9	9	11	11	10	12	15	17	15	10	17	16	15	17	13	12	12	10
14	4	0	0	0	0	0	2	3	2	4	10	11	18	22	20	19	19	18	17	18	18	17	13	11	14
15	8	11	10	5	1	6	4	6	6	8	14	23	26	26	25	25	23	16	11	14	14	15	15	16	14
16	16	11	15	14	13	13	11	9	10	14	18	21	22	24	24	23	23	13	13	8	8	8	6	6	14
17	6	5	8	8	5	0	0	2	6	8	9	9	20	14	11	7	6	2	1	1	4	7	8	8	6
18	2	0	0	0	3	1	0	0	0	2	6	****	19	19	14	12	13	13	14	14	13	15	14	11	8
19	2	0	0	0	0	3	6	12	12	12	12	14	13	11	10	10	10	6	12	12	11	9	6	0	8
20	0	0	0	0	0	0	1	3	6	8	13	16	16	21	20	20	****	****	****	****	5	4	4	6	7
21	6	5	6	6	6	5	3	3	3	4	5	6	4	10	17	16	16	15	8	5	0	0	0	0	6
22	0	2	4	5	9	10	7	5	10	12	12	16	19	21	18	22	20	19	17	15	12	12	12	15	12
23	14	14	13	11	6	2	4	7	11	12	13	16	16	16	15	15	16	16	15	11	11	11	11	11	12
24	9	6	5	5	6	5	4	4	0	0	2	3	6	5	6	7	4	6	10	12	10	12	15	17	7
25	17	17	21	21	21	22	22	22	22	22	23	28	28	28	28	22	18	12	8	7	6	4	0	0	17
26	0	0	0	1	1	1	1	3	7	13	17	19	22	22	21	20	10	6	5	3	3	7	7	8	8
27	5	12	12	10	10	11	14	15	16	20	21	18	14	12	15	****	****	****	****	****	11	11	9	5	13
28	3	3	3	4	6	6	13	11	9	9	7	3	5	5	5	****	7	8	6	5	3	3	8	17	6
29	17	17	12	12	13	10	11	11	10	10	11	14	18	18	21	19	19	15	12	12	12	12	11	8	14
30	8	8	11	11	11	14	14	11	10	11	11	13	16	19	20	20	17	19	17	17	17	17	16	15	14
MEAN	9	8	9	9	9	9	9	9	10	12	13	16	18	18	18	18	16	14	12	12	11	11	10	10	11.9

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	12	12	11	13	10	6	8	10	12	14	20	17	18	13	5	0	0	0	3	10	13	15	10
2	17	6	6	6	18	30	30	27	26	26	25	24	7	5	13	19	20	20	18	20	21	22	23	24	19
3	28	26	28	28	29	32	31	28	26	24	24	24	25	26	26	26	21	16	17	16	16	16	16	16	24
4	****	****	16	16	6	2	0	0	3	8	8	8	****	22	22	22	23	23	23	23	23	26	26	24	15
5	20	20	20	19	17	16	17	17	18	20	21	18	18	18	18	18	18	18	18	13	10	6	3	1	16
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	2	9	10	12	12	15	15	14	12	12	12	12	11	10	8	8	7	5	4	8
8	4	6	5	5	8	10	11	13	12	9	9	10	12	15	6	1	1	0	0	0	4	8	8	9	7
9	10	11	14	12	14	19	19	21	21	21	20	20	20	20	21	20	19	12	12	2	0	0	0	0	14
10	20	20	20	23	22	22	22	21	18	18	18	18	18	17	19	19	18	16	12	16	22	22	24	24	20
11	26	28	26	27	27	26	24	24	24	21	24	27	27	18	12	17	20	15	5	0	0	0	0	6	18
12	6	3	0	0	0	1	1	3	4	4	4	4	5	5	6	8	9	6	4	8	8	5	0	0	4
13	0	0	0	0	0	9	15	14	20	26	30	30	32	20	27	20	20	24	13	9	13	12	15	21	15
14	18	18	13	10	10	12	18	15	15	****	****	****	****	****	****	****	****	****	5	1	3	4	6	8	******
15	14	14	14	12	10	6	6	7	7	9	****	9	9	9	8	6	3	3	0	1	3	3	3	0	7
16	0	0	0	0	0	0	0	0	0	2	7	11	18	18	19	19	21	19	15	6	3	5	10	10	8
17	18	14	16	16	12	8	3	2	5	14	16	22	22	22	20	17	16	18	18	15	11	11	6	2	14
18	0	2	2	2	0	0	0	0	12	17	11	15	17	20	21	21	****	****	****	****	****	****	****	****	9
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	11	11	11	10	10	12	12	12	13	14	15	16	17	16	16	16	15	13	10	8	9	9	9	10	12.2

PERCENTAGE OF DATA VALID - 55.2 PERCENTAGE OF DATA INVALID - 44.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	11.7	23	32
FEB	29	19.1	27	40
MAR	20	23.7	33	47
APR	20	27.9	48	75
MAY	23	30.5	48	71
JUN	28	34.9	75	137
JUL	31	37.2	01	112
AUG	31	31.3	52	118
SEP	30	26.6	49	81
OCT	30	13.9	30	65
NOV	30	11.9	22	39
DEC	17	12.2	24	32
YEAR	320	23.6	75	137

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	334	407	2	0	0	0	0	0	743
FEB	132	517	44	0	0	0	0	0	693
MAR	20	386	76	0	0	0	0	0	482
APR	23	302	143	18	0	0	0	0	486
MAY	29	273	202	59	0	0	0	0	563
JUN	21	338	198	99	17	2	4	0	679
JUL	72	257	215	172	23	4	0	0	743
AUG	79	321	248	85	8	1	0	0	742
SEP	124	339	189	63	2	0	0	0	717
OCT	262	420	27	3	0	0	0	0	712
NOV	287	408	7	0	0	0	0	0	702
DEC	184	224	3	0	0	0	0	0	411
YEAR	1567	4192	1354	499	50	7	4	0	7673

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
87.4	0	4.9	13.4	20.3	27.7	44.8	55.8	69.3	78.2	137	23.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	7	8	6	0	0	0	0	1	3	4	4	3	4	7	7	7	9	10	2	6	8	6	10	5
2	14	13	11	11	8	5	2	0	0	1	2	3	10	15	19	21	24	27	26	27	26	27	26	24	14
3	25	26	24	24	26	25	25	24	23	23	23	23	23	18	19	14	8	10	8	8	10	13	14	13	19
4	15	19	20	18	17	14	5	1	3	7	9	9	13	****	****	****	9	4	7	5	6	8	9	11	10
5	14	17	12	12	****	14	16	19	17	18	20	21	21	24	24	22	22	22	23	19	19	16	9	8	18
6	7	2	0	1	7	1	2	1	4	10	9	12	9	16	21	21	20	16	16	14	14	3	4	8	9
7	7	6	2	5	6	9	11	11	11	12	15	15	14	15	16	16	15	14	15	18	18	19	19	18	13
8	16	15	19	17	14	18	19	14	11	15	20	22	24	****	25	22	21	18	15	13	16	15	16	13	17
9	17	23	24	24	21	21	19	15	11	15	16	16	21	23	25	24	20	13	15	11	6	2	6	3	16
10	4	1	1	3	5	4	3	3	2	9	12	13	12	12	8	4	3	4	2	0	0	0	0	1	4
11	1	5	7	8	10	10	11	1	8	4	3	5	2	0	8	17	19	20	20	18	18	17	19	23	11
12	24	25	24	23	25	23	25	23	25	25	27	27	27	24	22	22	24	19	11	2	0	5	**	5	20
13	3	5	12	12	6	9	10	5	4	7	7	9	8	8	8	7	6	5	3	1	3	5	1	0	6
14	0	2	0	0	0	0	0	1	2	7	6	8	7	10	6	4	5	3	7	8	5	0	0	3	
15	6	12	12	12	13	11	2	0	4	9	14	16	15	17	18	18	11	5	10	3	5	4	2	4	9
16	7	8	8	4	3	5	4	4	4	7	10	10	9	9	9	7	4	****	3	1	0	0	0	0	5
17	0	0	0	0	0	0	2	2	0	****	2	1	1	5	6	3	0	0	0	1	1	0	0	0	1
18	0	0	0	1	1	1	1	1	1	3	5	6	8	9	5	5	2	2	3	3	3	4	6	7	3
19	3	9	11	9	5	3	1	1	1	2	6	9	12	11	14	14	7	5	9	15	18	18	18	16	9
20	17	14	14	7	10	9	11	9	9	14	20	22	23	23	23	23	21	15	10	4	5	9	8	9	14
21	8	15	8	9	6	4	2	1	0	3	11	14	16	19	19	17	13	4	****	****	****	****	5	9	9
22	6	3	****	****	0	****	****	0	0	0	****	0	****	****	9	12	10	7	7	11	13	13	14	21	7
23	22	22	19	20	22	19	14	13	13	17	19	21	23	24	23	21	23	22	22	23	19	17	21	20	20
24	18	21	21	18	20	17	15	10	10	18	16	14	17	15	7	8	5	6	5	3	4	5	3	10	12
25	13	9	9	9	9	6	7	3	2	4	9	9	13	15	17	20	20	15	11	7	1	2	3	2	9
26	1	2	2	7	10	13	8	10	5	10	18	27	28	28	28	27	24	25	23	20	21	16	1	2	15
27	2	2	7	1	7	9	9	2	3	7	10	16	24	28	26	24	23	21	19	17	15	12	15	19	13
28	21	16	22	18	21	17	23	16	15	20	24	21	23	24	24	22	20	18	13	11	10	11	13	13	18
29	10	12	11	9	9	12	12	11	9	14	19	22	25	24	23	23	21	19	20	19	19	15	15	13	16
30	12	13	16	20	21	21	24	24	23	26	28	28	29	28	22	15	15	16	19	-	27	19	18	15	21
31	16	19	18	19	23	21	17	12	8	17	5	19	29	30	31	31	31	29	31	29	30	31	31	31	23
MEAN	10	11	11	11	11	11	10	8	7	11	13	14	16	17	17	17	15	13	13	11	11	11	10	11	12.0

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	30	29	28	28	28	28	26	27	28	29	30	31	32	32	32	31	27	26	23	20	16	18	15	27
2	22	26	28	27	27	27	26	25	26	28	29	31	32	31	32	31	31	28	24	22	21	22	22	21	27
3	16	13	18	22	26	27	27	27	27	28	30	31	32	32	33	32	31	30	30	29	31	31	30	30	28
4	30	30	30	29	28	28	28	28	26	24	27	28	22	32	33	32	32	27	22	17	14	5	5	2	24
5	2	5	2	4	1	1	1	1	2	5	13	23	22	22	25	24	-	-	0	0	1	1	0	1	7
6	1	1	4	3	4	9	13	7	3	7	13	17	22	25	22	22	19	15	10	9	10	12	16	18	12
7	13	17	18	15	13	21	19	18	19	****	22	13	22	26	26	26	24	24	25	23	26	26	24	21	21
8	24	22	23	22	22	22	19	16	10	11	22	28	31	30	30	28	26	15	13	3	4	3	4	3	18
9	8	13	12	16	8	16	18	18	19	20	23	27	29	33	36	32	32	29	20	14	27	28	9	9	21
10	12	11	11	6	15	16	15	5	7	20	27	29	29	28	21	16	12	14	9	9	7	15	16	24	16
11	24	26	25	23	24	23	23	21	19	16	17	11	11	18	25	26	22	21	17	19	19	19	18	16	20
12	17	18	15	20	22	16	11	8	10	13	23	24	31	31	28	30	29	28	24	24	25	20	14	16	21
13	11	5	2	1	1	3	5	7	11	16	14	12	14	14	10	9	4	1	1	1	2	4	15	15	7
14	17	16	16	14	14	13	14	14	22	29	31	30	32	32	****	33	32	24	14	4	5	9	14	19	19
15	21	24	24	24	21	19	13	7	6	12	16	19	21	23	21	****	18	13	****	15	14	19	****	14	17
16	5	4	25	28	28	30	30	29	28	28	30	30	31	32	33	33	32	28	26	25	24	24	24	27	26
17	29	30	30	28	22	15	12	18	17	25	31	32	29	32	32	32	31	29	28	28	26	17	16	16	25
18	21	21	23	23	9	1	5	3	8	10	12	18	23	24	28	25	16	9	6	8	8	4	4	3	13
19	3	2	1	1	0	0	0	0	1	2	6	7	11	13	11	6	2	1	3	2	6	5	10	7	4
20	12	7	7	3	1	1	2	0	0	2	5	4	3	****	****	****	****	1	0	0	0	0	1	3	3
21	6	7	7	9	10	11	13	11	9	15	18	23	25	26	26	26	17	12	5	3	9	11	7	9	13
22	10	8	9	15	17	18	17	15	11	10	8	5	3	3	****	12	15	13	13	23	25	23	21	15	13
23	11	11	11	20	19	19	15	16	14	16	15	20	17	14	13	10	6	3	3	0	0	1	1	1	11
24	8	18	15	10	20	23	26	28	28	29	26	29	29	30	30	30	28	27	22	21	20	20	22	24	23
25	28	27	28	28	33	34	31	29	25	30	29	30	30	30	30	30	30	29	28	30	30	30	31	31	30
26	30	30	30	31	31	30	29	28	27	29	32	31	30	33	35	34	28	22	14	13	15	16	18	11	26
27	7	16	20	17	20	17	****	11	13	28	24	26	****	31	31	31	32	32	30	29	26	24	26	28	24
28	28	29	30	30	32	31	29	28	27	25	26	28	28	29	29	25	28	29	26	30	28	27	22	25	28
29	31	32	31	30	30	28	26	20	9	19	23	27	29	31	30	30	29	28	26	23	23	24	25	26	26
MEAN	16	17	18	18	18	18	18	16	16	19	21	23	24	26	27	26	24	20	17	15	16	16	19	16	19.1

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	23	12	13	11	15	24	24	26	29	31	33	32	33	33	31	33	30	30	28	27	25	23	24	26
2	22	26	29	28	28	28	27	26	27	30	33	34	35	35	34	37	35	33	27	21	24	14	13	14	28
3	11	12	13	13	15	16	10	10	14	18	16	18	22	22	19	18	****	15	8	10	8	8	16	5	14
4	6	10	9	10	11	12	9	7	11	****	15	20	20	25	18	****	15	10	13	11	7	8	3	4	12
5	3	7	12	9	6	8	6	2	2	9	****	****	****	****	****	****	****	****	31	29	25	19	24	30	14
6	31	25	27	26	24	25	21	20	26	28	27	27	29	26	11	19	9	19	15	6	13	10	11	12	20
7	12	11	6	14	19	17	13	13	12	14	20	37	29	43	34	19	15	16	12	16	33	35	33	34	21
8	34	33	34	33	32	31	28	23	21	16	17	20	27	31	36	43	47	45	39	40	39	31	26	12	31
9	21	25	19	15	19	21	23	27	22	25	33	34	43	50	49	54	55	43	22	15	9	9	7	11	27
10	9	17	18	16	4	1	1	2	5	13	****	24	19	20	19	19	28	28	30	36	37	35	34	33	19
11	26	31	28	26	26	29	28	28	30	28	28	31	33	33	33	34	33	32	32	32	31	30	31	28	30
12	31	30	30	28	28	27	25	23	22	29	29	31	32	****	34	34	32	34	28	29	28	24	20	16	28
13	15	18	20	20	22	20	19	16	17	21	22	****	27	23	22	20	15	15	15	13	11	11	6	6	17
14	0	6	13	17	23	25	24	25	28	32	34	33	38	35	38	35	40	39	38	34	28	29	31	31	28
15	31	32	31	29	30	26	25	27	28	29	31	32	33	34	32	31	32	27	25	18	18	18	19	20	27
16	26	27	29	31	32	27	26	24	27	28	29	29	29	31	29	31	31	26	23	26	22	15	30	25	27
17	9	3	8	5	2	2	10	11	20	****	22	17	15	3	13	23	23	21	24	26	25	24	27	29	16
18	30	29	29	27	28	28	27	18	23	14	****	32	38	40	40	40	39	37	31	20	16	9	2	1	26
19	0	1	0	0	0	0	0	1	4	6	9	12	17	14	12	18	23	26	18	5	8	2	6	3	8
20	2	2	1	1	1	1	1	2	7	12	13	17	25	15	21	40	23	11	18	25	20	20	27	33	14
21	31	33	38	35	35	36	37	33	30	31	31	30	31	33	31	32	33	****	****	34	34	34	35	34	33
22	34	34	34	34	35	34	35	35	36	37	37	36	38	40	41	41	40	38	32	26	28	25	16	19	34
23	13	3	6	5	4	3	16	25	31	33	32	31	26	22	27	29	30	27	24	28	26	26	31	28	22
24	25	22	23	25	24	24	17	10	9	9	10	7	13	12	15	18	20	22	****	8	12	19	27	29	17
25	26	24	25	25	27	30	30	28	27	27	28	28	30	29	31	30	****	****	25	14	3	0	0	0	22
26	0	0	0	0	0	0	0	5	27	32	33	33	36	37	35	31	29	27	23	19	20	19	14	11	18
27	4	4	4	4	17	27	17	10	18	28	29	28	31	35	38	38	24	8	12	16	13	5	21	21	19
28	17	0	1	1	9	9	7	17	12	19	26	29	32	37	37	37	39	43	42	35	32	33	39	34	24
29	39	44	44	42	39	39	37	37	36	35	35	36	38	39	37	40	40	39	38	36	35	36	36	39	38
30	38	38	32	31	30	35	33	32	34	33	36	39	36	41	43	43	42	41	38	36	36	35	34	34	36
31	32	34	37	38	37	36	32	26	22	20	21	18	17	21	18	17	14	20	21	23	****	****	27	26	25
MEAN	19	19	20	19	20	20	20	19	21	24	26	27	29	30	29	31	30	28	25	23	22	20	22	21	23.4

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	31	29	25	23	24	18	10	13	14	17	14	-	12	7	7	2	4	0	0	4	8	5	4	13
2	5	2	1	3	2	1	1	2	1	3	9	19	41	49	54	52	46	44	43	39	43	43	39	38	24
3	35	36	34	31	28	26	16	11	21	29	29	32	-	33	29	23	20	16	23	19	17	19	29	25	25
4	30	27	19	25	22	10	0	2	4	7	11	17	33	36	35	33	33	33	31	32	35	35	27	22	23
5	16	15	27	25	24	23	24	26	28	28	32	37	42	42	44	46	44	45	42	35	33	35	31	27	32
6	23	14	9	3	5	3	3	12	36	30	33	34	39	51	47	47	47	51	45	43	37	34	45	49	31
7	47	43	39	33	26	24	16	17	20	16	24	23	16	34	38	37	32	33	37	32	33	36	29	30	30
8	28	21	22	21	20	21	30	27	29	32	32	29	26	26	25	32	33	33	30	****	40	40	41	-	29
9	26	23	26	21	23	22	12	3	4	5	11	15	21	17	17	23	18	12	5	6	3	4	13	12	14
10	22	25	6	7	7	9	3	12	15	16	15	15	16	20	27	29	28	22	21	18	16	17	22	25	17
11	26	24	20	23	21	20	16	16	18	17	17	14	13	11	15	12	20	21	9	2	2	1	8	12	15
12	11	18	20	25	29	26	20	17	13	12	17	18	23	30	29	26	28	28	29	31	33	37	29	28	24
13	24	28	26	26	22	20	19	24	30	34	35	38	36	35	30	30	31	29	27	26	24	25	25	28	28
14	27	27	28	27	26	25	24	21	20	26	24	22	18	18	18	17	11	17	11	5	51	20	18	17	22
15	9	11	10	4	8	5	15	9	10	10	8	12	15	21	18	25	27	29	30	30	29	28	****	29	17
16	32	31	31	33	35	36	36	37	35	37	39	41	42	41	41	42	40	41	39	26	25	9	7	9	33
17	21	21	21	17	6	18	15	13	17	27	29	27	31	28	32	33	25	25	36	33	****	28	12	14	23
18	11	7	0	0	1	1	6	15	35	43	****	44	44	47	52	50	50	45	33	13	1	0	3	2	22
19	0	0	5	10	3	2	8	18	32	48	59	59	62	66	68	68	65	36	17	9	0	25	26	48	31
20	52	45	37	23	25	28	43	48	47	44	43	43	41	41	42	40	40	41	37	30	15	8	13	8	35
21	7	10	7	1	1	0	3	10	32	38	37	43	42	****	****	43	40	32	29	10	5	-	3	2	19
22	2	2	2	2	2	2	4	6	7	-	21	31	40	45	64	63	50	49	43	36	38	34	-	22	26
23	23	23	22	25	22	24	28	30	27	27	26	27	26	29	29	32	31	33	34	34	31	34	31	30	28
24	32	26	24	23	25	34	36	30	31	33	32	****	****	****	35	36	34	32	33	32	33	30	29	34	31
25	35	33	36	35	37	30	25	25	28	29	32	35	36	38	33	23	17	17	24	16	21	15	3	6	26
26	13	7	16	0	1	6	10	15	18	24	26	30	33	34	29	27	23	19	19	17	16	20	20	20	18
27	19	16	17	18	16	19	17	16	16	18	19	21	21	21	23	18	23	24	24	43	41	37	33	29	23
28	26	28	29	26	22	14	6	9	15	17	27	35	35	19	14	12	16	20	18	20	21	17	14	18	20
29	18	12	9	9	9	7	4	4	5	7	9	12	16	18	20	21	22	21	21	16	9	13	4	2	12
30	6	7	8	10	16	9	7	8	****	31	15	19	27	40	44	44	39	33	31	-	19	22	12	15	21
MEAN	22	20	19	18	17	16	16	16	21	24	25	28	31	32	33	33	31	30	27	23	23	23	20	21	23.7

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	26	26	25	25	26	23	28	28	27	25	25	27	32	****	-	32	****	26	25	25	27	18	11	25
2	5	1	1	6	21	23	24	16	17	13	18	31	36	41	44	36	37	36	26	3	1	0	0	0	18
3	0	-	0	0	0	0	1	7	22	34	38	43	40	42	43	41	39	36	28	21	17	****	****	3	21
4	1	2	9	2	1	2	2	8	13	31	37	42	46	49	49	47	43	37	36	34	12	21	25	29	24
5	33	36	40	41	42	36	39	37	39	42	51	50	54	51	57	54	55	57	55	47	47	39	35	33	45
6	30	28	28	25	22	25	20	23	26	30	31	32	32	40	39	38	45	39	29	24	25	12	14	24	28
7	33	31	31	27	24	21	20	17	18	21	22	23	23	21	24	23	25	26	24	19	19	15	7	9	22
8	11	11	15	19	21	17	14	18	****	57	15	20	22	21	19	23	25	28	26	24	19	20	22	23	21
9	23	23	21	19	16	12	9	20	26	28	27	28	29	28	29	28	28	30	31	27	12	2	0	1	21
10	7	12	12	10	10	12	16	28	27	33	36	40	43	51	50	51	44	37	45	43	46	42	30	28	31
11	32	34	40	45	46	28	10	27	35	38	37	41	45	49	47	43	41	37	34	23	11	6	1	6	32
12	11	17	17	25	19	9	15	12	23	23	28	35	34	34	34	33	31	30	26	13	2	4	12	15	22
13	24	23	24	31	29	19	15	18	19	19	28	32	35	34	38	32	29	32	35	34	30	20	32	40	28
14	40	39	37	33	28	23	19	18	21	21	22	24	24	25	25	27	26	20	18	14	4	0	0	-	22
15	0	0	1	3	3	4	5	5	30	25	27	30	34	31	29	29	29	30	28	10	2	0	0	0	15
16	0	1	0	0	0	0	1	9	25	32	40	40	40	39	38	38	37	34	28	31	32	30	29	29	23
17	20	24	19	25	26	24	25	26	29	29	36	44	50	38	37	39	41	43	48	50	46	43	41	40	35
18	35	39	42	40	41	26	7	20	19	31	38	40	44	41	-	44	48	38	33	36	37	37	36	32	35
19	27	30	28	26	27	21	22	37	41	42	46	51	54	55	56	53	45	44	46	46	39	38	39	39	40
20	35	34	33	31	30	28	26	24	23	25	26	29	31	34	39	35	35	35	32	30	26	21	21	21	29
21	19	24	25	17	21	17	15	27	****	****	40	43	45	48	56	61	59	57	42	27	25	44	41	33	36
22	16	1	2	0	0	4	8	15	40	44	49	59	62	69	69	67	71	71	53	77	84	67	48	38	42
23	11	0	0	0	0	0	3	7	27	49	65	72	94	90	91	99	82	74	64	66	64	56	39	36	45
24	17	29	41	56	53	35	30	33	37	23	41	53	56	53	52	58	62	63	61	64	52	53	48	55	47
25	70	68	63	61	51	42	33	31	29	27	30	32	28	28	28	34	36	35	35	37	38	37	38	36	39
26	38	36	35	31	35	31	30	31	31	32	34	****	35	32	34	31	31	57	29	30	30	30	22	15	32
27	13	****	13	22	20	19	12	13	33	35	38	41	40	43	37	39	35	37	25	17	9	4	7	9	24
28	10	12	7	4	5	4	5	20	16	42	30	37	42	****	37	41	44	43	42	56	29	28	22	26	26
29	46	50	41	37	****	22	14	12	15	27	****	****	14	13	28	****	48	49	49	54	58	62	61	58	38
30	52	28	15	19	17	12	9	16	35	34	42	52	59	64	56	44	58	40	31	11	7	22	24	21	32
31	25	39	21	24	22	5	25	26	25	36	40	37	36	34	33	31	33	34	29	28	25	16	15	14	27
MEAN	23	23	22	23	22	18	16	20	27	32	35	39	40	41	42	42	42	41	36	33	28	26	24	24	29.9

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	23	27	29	28	29	30	33	32	31	29	29	27	25	20	24	12	16	18	17	19	14	15	11	23
2	5	0	1	0	0	2	7	7	****	17	23	34	38	44	60	38	41	****	43	42	38	33	29	29	24
3	31	31	24	33	29	24	27	29	24	23	25	22	25	29	32	32	34	27	26	22	19	11	1	6	24
4	10	18	21	19	16	18	17	19	25	24	23	23	25	23	60	29	32	30	25	20	5	4	1	3	20
5	12	22	18	3	0	22	6	22	17	****	****	29	****	36	38	31	32	32	33	25	21	14	22	30	22
6	33	35	36	36	35	31	22	28	31	35	44	50	52	60	64	50	53	53	52	52	49	44	45	40	43
7	44	46	41	29	41	37	28	19	22	23	28	22	25	25	31	38	44	34	22	14	25	23	44	46	31
8	42	34	34	22	12	13	13	****	25	17	19	25	28	29	28	28	28	27	26	14	1	2	11	12	21
9	16	10	9	3	8	11	17	20	23	25	25	25	23	24	27	29	23	28	28	24	17	****	15	14	19
10	16	16	11	14	13	10	12	15	16	19	24	29	30	29	30	32	34	36	****	29	17	18	22	32	22
11	31	30	26	21	18	14	8	****	****	****	****	****	35	34	35	40	42	39	35	28	19	14	6	8	25
12	2	4	11	7	5	0	2	13	****	****	****	57	61	65	55	55	55	62	62	60	38	-	-	23	34
13	36	-	12	15	3	6	15	15	21	-	-	-	58	64	62	59	49	51	****	****	53	53	48	52	37
14	55	49	35	31	****	****	****	****	****	****	28	39	35	43	48	44	44	64	56	23	25	8	2	6	35
15	9	****	13	15	13	1	49	58	54	36	18	14	15	17	18	19	19	20	21	21	21	23	25	26	23
16	24	24	23	23	20	15	15	22	21	23	****	24	25	25	****	25	25	25	24	23	13	8	9	1	20
17	1	7	6	4	8	9	8	7	15	21	32	42	49	51	61	67	65	58	55	47	28	12	30	37	30
18	35	23	14	16	17	22	19	20	31	41	46	54	55	57	58	53	51	46	40	35	27	21	23	23	34
19	23	21	20	17	14	11	7	14	27	16	38	52	61	****	47	29	19	22	23	14	22	29	31	31	25
20	32	40	38	29	20	19	21	24	26	28	30	32	33	34	36	40	38	29	30	24	19	0	0	0	26
21	0	0	1	1	2	17	15	17	25	37	44	47	49	48	48	55	58	70	71	54	30	15	9	14	30
22	12	17	17	7	10	14	30	34	25	38	50	66	83	89	97	92	74	69	67	62	52	50	54	53	48
23	41	43	18	9	10	20	42	57	42	51	78	94	81	75	80	84	66	62	62	63	28	28	45	63	52
24	85	80	78	72	69	58	34	28	44	76	69	71	55	62	****	69	-	51	41	37	32	32	22	17	54
25	3	7	21	20	8	12	34	46	37	42	56	59	36	48	73	64	61	61	50	****	31	21	21	19	36
26	26	39	43	50	33	20	20	21	38	57	73	81	86	83	80	82	66	55	60	47	41	39	49	47	52
27	42	38	33	27	22	17	17	21	20	25	28	27	24	22	22	21	22	24	24	22	20	22	20	22	24
28	19	16	15	15	21	21	14	12	10	13	15	22	38	75	79	77	74	81	74	64	41	36	31	19	37
29	11	4	4	19	34	****	****	****	36	56	54	69	75	52	56	54	50	44	39	****	****	22	20	29	38
30	26	18	19	21	19	20	20	19	20	21	21	23	24	24	25	27	24	21	15	12	2	0	0	5	18
MEAN	25	25	22	20	18	18	20	24	27	32	37	41	43	45	49	46	43	43	40	33	26	21	22	24	31.0

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 4.9 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	3	2	5	25	59	31	32	31	43	49	45	59	64	77	76	59	41	18	27	41	38	35
2	37	44	30	29	28	23	21	21	22	23	24	25	24	****	28	30	32	32	31	32	31	20	12	3	26
3	7	5	0	0	0	0	2	9	15	23	31	36	38	41	44	47	49	61	43	19	23	38	12	14	23
4	5	15	18	13	11	8	16	54	55	53	82	****	68	58	64	89	83	80	73	62	72	80	66	56	51
5	48	49	43	50	40	33	41	33	33	33	32	43	49	54	59	64	63	53	35	31	33	31	32	32	42
6	32	33	33	33	33	29	24	26	30	29	32	30	29	28	25	24	24	22	21	15	6	0	0	0	23
7	0	1	3	3	1	2	25	54	24	24	16	26	29	28	44	41	49	32	41	47	45	54	45	44	28
8	24	40	42	41	44	35	42	46	46	43	52	46	64	32	32	****	****	29	29	24	11	1	3	0	33
9	2	6	13	12	3	1	4	13	15	13	21	16	9	6	16	21	34	32	44	13	11	4	0	0	13
10	0	0	0	2	9	8	47	43	11	31	32	66	155	101	30	44	****	75	66	57	65	32	26	35	41
11	32	25	17	28	25	14	32	41	47	54	62	60	62	63	61	50	48	50	47	43	41	32	16	16	40
12	20	20	21	31	26	16	22	17	15	14	15	12	17	48	49	61	69	47	25	19	17	14	15	11	26
13	7	8	14	17	7	1	8	21	22	25	27	27	29	28	30	28	30	26	22	11	****	****	3	11	18
14	18	15	24	26	20	12	19	51	23	36	57	65	78	48	44	85	100	104	86	64	36	19	51	55	47
15	45	19	17	16	13	12	7	23	****	****	57	77	72	48	30	34	43	47	47	43	17	5	32	39	34
16	30	28	32	37	36	25	20	27	11	15	13	24	63	73	26	40	63	90	****	72	34	53	59	63	41
17	58	48	28	25	24	26	30	24	30	36	40	37	33	34,	39	34	37	38	36	33	26	24	20	21	33
18	****	****	7	7	1	1	1	17	22	39	71	68	59	20	61	43	39	59	88	76	42	23	30	18	36
19	12	24	26	23	28	17	19	16	37	38	68	76	89	99	78	69	83	95	69	72	50	39	26	30	49
20	15	4	11	14	17	9	15	34	40	51	54	57	64	72	79	85	83	74	81	55	46	34	46	51	45
21	51	49	46	29	38	39	36	40	47	50	53	57	54	54	57	58	56	49	43	39	29	22	17	22	43
22	36	41	40	23	24	17	11	14	18	15	24	34	39	36	32	29	26	23	19	17	17	2	2	1	23
23	1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	19	13	17	15	9	4	0	0	0	4
24	0	0	0	0	0	0	1	5	18	40	48	43	43	48	60	75	94	89	70	43	26	9	0	0	30
25	0	7	9	3	1	0	6	18	23	34	53	69	74	72	71	71	72	86	86	68	54	44	36	32	41
26	27	33	32	26	34	34	31	33	30	28	27	30	40	36	38	37	28	28	31	43	49	38	29	31	33
27	27	44	54	55	58	53	48	33	27	32	34	36	48	55	51	47	48	62	44	51	38	29	27	36	43
28	35	41	46	39	38	29	12	23	19	24	32	33	36	39	-	-	46	48	49	36	-	-	-	3	33
29	0	17	14	12	11	12	4	7	8	17	25	27	42	50	93	97	60	51	47	38	65	****	10	18	32
30	14	23	22	21	20	16	11	13	24	24	****	****	27	28	30	30	31	31	25	17	9	4	2	0	19
31	12	30	43	46	41	34	30	18	18	23	34	40	45	53	67	76	62	71	71	51	44	41	36	29	42
MEAN	20	22	22	21	20	17	20	27	25	31	38	42	49	47	47	51	53	54	48	40	33	26	23	23	33.2

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	33	51	44	42	29	22	28	37	46	57	55	56	59	66	68	64	63	57	48	40	31	27	37	45
2	43	33	44	35	31	13	****	26	29	38	35	32	32	35	34	22	38	46	32	28	24	14	18	19	30
3	21	15	6	4	18	16	17	23	31	36	41	43	45	43	44	36	34	32	24	16	9	4	7	8	24
4	15	17	19	29	26	26	19	32	37	44	51	58	57	58	54	56	55	51	46	49	40	44	42	45	40
5	45	47	41	34	32	22	8	5	18	****	30	59	74	43	52	55	66	28	46	36	28	26	28	25	37
6	25	24	26	27	27	19	22	24	32	31	44	53	59	66	91	94	65	37	34	43	35	36	17	13	39
7	17	4	14	9	13	11	12	12	20	25	29	47	44	55	51	57	65	-	76	52	35	25	23	29	32
8	35	24	28	31	32	28	23	30	34	21	20	21	32	54	83	59	57	47	51	41	32	38	39	25	37
9	****	31	22	17	21	15	11	23	25	30	33	32	31	28	26	25	25	23	17	13	12	14	9	14	22
10	4	6	16	15	13	8	6	8	8	7	3	3	8	12	14	15	16	9	13	10	11	9	5	5	9
11	5	5	9	9	9	3	1	2	9	22	34	45	37	****	46	32	****	32	39	35	31	31	34	30	23
12	30	26	20	22	27	23	24	24	27	29	28	30	29	24	28	32	32	29	26	18	17	20	12	6	24
13	8	0	0	0	0	3	5	36	****	35	20	29	37	49	61	65	42	39	30	20	32	28	34	33	26
14	35	34	9	32	33	34	29	29	23	36	42	45	55	56	55	55	56	49	34	28	26	23	36	39	37
15	36	37	28	20	16	13	11	14	18	19	21	21	20	17	16	15	15	18	17	19	21	22	21	9	19
16	16	17	15	14	13	14	12	17	20	20	19	20	20	20	19	21	19	16	16	13	11	13	11	12	16
17	7	6	7	5	6	7	8	14	14	16	17	19	18	18	18	19	20	15	13	13	15	18	21	20	14
18	19	12	9	7	6	4	1	1	8	21	32	37	****	47	55	62	58	54	49	34	26	26	29	31	27
19	21	15	15	12	7	2	7	13	28	37	45	56	70	40	48	58	62	63	51	37	31	28	24	24	32
20	31	25	14	10	23	27	3	12	32	77	32	27	30	54	31	38	45	****	****	33	40	38	39	38	32
21	32	34	-	****	21	18	10	11	11	24	37	46	48	67	34	13	7	26	26	13	10	10	16	22	24
22	15	21	25	28	27	22	18	21	25	27	30	30	28	28	28	26	28	27	23	19	20	21	16	11	24
23	7	16	19	18	18	13	13	16	23	25	24	25	24	24	26	26	24	25	22	12	13	16	17	9	19
24	1	3	2	2	7	1	5	12	19	86	101	38	36	51	59	71	85	60	58	22	10	9	10	22	32
25	14	15	9	4	3	0	3	44	40	37	36	43	62	72	74	76	80	74	85	47	33	13	14	26	38
26	18	20	32	35	35	31	17	-	39	55	66	67	74	75	75	82	106	121	97	62	75	58	50	53	58
27	52	45	40	32	23	11	6	14	30	50	69	****	95	97	112	96	101	98	88	60	62	55	49	44	53
28	35	31	31	32	31	26	19	22	27	26	28	35	44	40	43	50	44	92	75	49	49	40	31	29	39
29	23	31	29	28	29	24	16	18	25	31	42	60	75	79	71	44	53	65	53	44	41	63	52	38	43
30	45	41	39	27	50	61	43	42	32	41	34	49	77	88	89	****	86	71	52	32	32	14	24	21	47
31	18	29	23	14	14	17	17	23	28	32	34	34	30	43	32	26	20	36	45	31	8	4	8	17	24
MEAN	23	22	21	20	21	17	14	20	25	34	37	39	45	48	50	46	49	46	43	32	28	26	25	24	31.4

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	10	6	9	5	8	7	12	20	27	27	21	31	45	55	53	54	43	37	34	21	20	20	13	24
2	9	6	10	15	13	9	11	9	15	18	21	22	29	36	41	42	41	40	33	26	18	13	18	15	21
3	17	18	18	18	18	13	6	9	61	41	54	78	71	62	19	32	48	37	28	26	22	10	13	20	31
4	25	27	31	26	21	11	2	5	20	32	43	55	54	54	42	53	56	46	34	-	7	19	25	31	31
5	46	48	31	40	24	29	20	16	18	32	35	39	38	41	44	44	46	47	32	6	12	4	2	7	29
6	3	0	1	1	7	11	7	21	29	29	28	27	27	26	26	24	23	21	13	1	0	0	0	0	14
7	2	4	5	3	1	3	9	12	16	17	28	30	33	39	39	39	37	31	22	3	2	1	1	0	16
8	0	3	5	3	4	1	1	3	27	83	79	57	51	70	87	86	68	63	26	11	33	38	29	19	35
9	5	14	16	9	11	6	2	17	24	24	36	25	42	35	20	22	21	20	17	12	19	16	16	16	19
10	19	18	17	17	17	14	10	14	18	37	25	27	32	31	33	32	34	30	25	16	16	18	18	18	22
11	20	18	20	20	17	14	13	18	25	29	36	44	49	52	53	49	47	41	33	29	27	24	21	24	30
12	21	22	13	15	16	9	6	0	1	11	23	29	31	26	14	7	7	20	13	9	4	5	6	8	13
13	7	10	12	12	16	17	13	11	10	13	15	12	6	14	23	31	41	46	21	21	17	20	15	15	17
14	26	21	27	32	35	36	34	30	24	21	23	25	20	20	20	20	20	20	26	28	25	23	20	19	25
15	19	17	16	17	17	14	10	-	13	15	16	17	15	17	19	21	22	20	9	8	8	4	1	15	14
16	16	13	20	16	16	4	4	1	6	31	21	25	25	14	6	8	12	8	14	18	20	16	13	16	14
17	19	16	11	19	21	20	19	15	21	23	22	21	21	21	21	25	24	20	15	10	5	0	4	7	17
18	9	13	6	3	3	5	2	6	12	17	20	20	27	31	23	23	21	20	25	23	17	19	12	10	15
19	4	3	4	7	16	12	7	10	19	26	27	29	29	33	29	26	23	10	7	32	36	38	44	42	21
20	33	10	11	18	13	8	4	9	17	19	11	14	22	30	37	47	44	38	12	1	9	14	15	23	19
21	20	22	23	19	15	21	17	14	12	19	26	40	51	52	58	59	57	53	44	45	41	36	26	24	33
22	20	18	17	21	7	9	3	1	8	12	15	19	22	22	24	41	22	22	21	7	17	24	26	23	18
23	20	17	15	13	14	11	5	5	10	12	13	15	22	23	20	21	21	15	10	15	14	11	13	7	14
24	10	11	10	12	10	5	1	3	8	****	21	22	26	28	30	14	19	30	9	0	0	1	1	9	12
25	11	13	12	12	11	9	0	2	7	11	17	12	10	12	13	15	13	21	17	26	17	23	30	20	14
26	18	18	17	17	18	19	19	19	21	21	21	22	22	22	21	20	20	15	14	10	7	4	13	13	17
27	14	13	9	4	1	-	2	7	13	10	14	15	15	10	10	15	18	20	9	6	10	12	7	11	11
28	14	14	12	14	16	16	14	12	11	19	24	26	29	27	26	24	24	21	11	8	6	4	1	0	16
29	7	13	15	13	12	6	3	4	9	16	24	32	23	23	30	47	51	21	31	28	21	27	37	37	22
30	27	24	28	10	4	1	0	4	****	48	19	31	44	42	35	-	39	23	30	33	24	22	32	29	25
MEAN	16	15	15	15	13	12	8	10	17	25	26	28	31	32	31	32	32	29	21	17	16	16	16	16	20.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	7	12	9	7	0	0	2	5	11	16	21	29	35	58	34	40	28	12	23	47	31	25	27	21
2	29	35	35	30	27	19	11	10	10	14	16	22	24	26	25	-	24	19	6	0	0	0	0	0	17
3	6	****	18	14	5	4	0	1	3	10	20	23	24	23	20	20	13	9	6	15	17	17	18	18	13
4	19	20	20	19	15	19	21	21	22	22	19	19	22	21	19	20	20	18	18	16	14	15	11	10	18
5	12	16	17	21	18	16	14	11	14	17	18	19	20	20	21	21	20	17	12	6	4	4	7	3	15
6	5	3	4	11	10	15	11	13	13	20	20	22	27	27	23	8	4	-	2	5	3	2	16	2	12
7	0	1	7	12	8	7	1	3	9	16	18	20	23	25	25	26	24	15	10	9	1	0	0	0	11
8	0	1	5	5	2	2	7	13	15	-	-	34	41	57	52	49	47	28	17	27	20	22	23	24	22
9	23	22	21	18	18	14	10	9	21	22	25	26	26	26	27	25	22	18	11	10	4	2	1	3	17
10	6	5	8	3	4	3	1	3	11	15	22	18	26	27	25	17	17	19	17	11	14	13	14	12	13
11	9	12	8	5	4	4	6	6	8	11	9	10	11	10	14	13	12	9	8	9	13	15	13	13	10
12	15	13	14	18	18	17	16	14	15	15	16	17	17	18	22	23	22	21	12	8	3	8	10	12	15
13	12	13	5	5	9	6	8	13	18	23	25	25	26	26	25	24	22	10	14	10	7	6	9	9	14
14	4	9	13	12	6	3	2	1	3	3	3	13	12	4	5	5	4	6	10	11	13	11	11	10	7
15	12	14	15	17	15	13	7	4	6	****	7	7	9	9	9	6	3	0	0	0	0	0	1	3	7
16	4	2	1	0	0	0	0	0	0	0	0	1	2	1	4	5	7	0	0	0	1	0	5	17	2
17	21	21	20	23	27	23	17	15	17	15	5	3	6	15	13	14	11	4	9	7	9	0	1	3	12
18	6	5	5	20	21	18	14	14	12	17	19	20	25	27	28	27	24	20	11	6	6	11	12	14	16
19	15	14	12	11	13	14	11	10	13	12	11	13	13	17	19	24	21	15	10	15	14	18	25	23	15
20	23	21	19	15	10	11	6	4	5	14	19	21	20	22	22	19	17	16	13	11	11	9	3	2	14
21	2	5	6	13	16	12	6	5	9	15	18	19	21	22	24	23	22	17	15	16	18	21	22	17	15
22	12	14	14	6	1	1	4	1	3	****	22	24	25	27	25	24	21	21	14	11	18	9	4	9	13
23	12	13	12	12	13	6	2	3	8	11	14	17	15	17	20	16	10	6	3	3	8	9	9	9	10
24	11	11	10	9	9	9	5	5	11	15	16	18	20	21	20	18	19	16	11	14	18	14	9	9	13
25	11	18	14	9	8	3	4	4	4	4	8	10	11	10	12	14	10	13	12	10	11	14	14	15	10
26	13	13	14	15	17	18	17	19	19	19	16	19	20	21	21	23	21	22	22	21	20	22	22	23	19
27	25	25	26	25	24	23	23	21	20	20	19	20	22	17	17	14	12	6	3	1	0	1	2	9	16
28	7	2	2	5	15	31	29	24	23	25	24	28	29	-	29	29	27	19	10	9	9	7	11	12	18
29	5	4	5	5	11	11	9	2	5	17	20	23	23	23	24	25	27	17	10	5	2	0	0	0	11
30	1	7	3	0	0	0	0	1	5	11	25	26	22	21	20	14	9	2	2	3	5	10	12	11	9
31	11	12	10	8	7	7	6	4	8	13	17	21	24	26	27	26	22	18	14	11	12	9	9	13	14
MEAN	11	12	12	12	12	11	9	8	11	15	16	19	20	21	22	20	19	15	10	10	10	10	10	10	13.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	16	11	15	12	3	5	10	10	9	17	19	22	23	24	22	21	15	16	14	11	16	17	19	15
2	22	23	19	21	21	21	22	15	19	28	32	32	31	33	31	26	23	15	8	14	15	16	15	16	22
3	18	16	8	10	11	12	7	7	11	8	3	5	7	10	14	27	15	9	8	14	13	9	9	24	11
4	22	8	2	11	30	29	24	15	5	8	8	9	9	11	11	12	10	13	15	15	14	15	13	14	13
5	21	20	18	15	15	11	10	7	11	16	-	-	22	20	23	21	20	7	3	5	4	4	3	2	13
6	2	3	3	6	11	14	11	3	3	2	3	3	6	11	21	13	2	1	1	0	1	10	12	7	6
7	5	2	3	3	5	5	2	0	0	3	5	6	11	10	6	4	17	19	18	19	20	17	11	11	8
8	12	14	16	18	20	21	19	15	14	22	23	23	22	19	19	20	19	14	13	14	12	15	15	11	17
9	4	3	7	9	4	0	8	12	15	17	19	18	17	21	18	20	21	21	16	18	12	11	11	15	13
10	21	24	25	24	24	23	24	25	24	27	27	28	27	27	-	26	26	26	24	24	25	28	29	30	26
11	31	30	30	30	29	29	27	28	27	27	26	27	27	27	27	26	23	23	22	16	15	13	11	14	24
12	16	18	17	16	18	18	17	11	8	25	42	24	23	18	19	14	10	7	0	0	0	0	0	0	12
13	1	0	0	0	0	0	0	0	1	1	3	3	4	3	1	0	0	0	0	0	0	0	1	1	1
14	0	0	2	4	6	5	4	8	11	16	20	21	23	24	19	19	20	19	23	19	19	16	17	18	14
15	19	19	18	19	21	23	24	24	24	25	25	26	26	24	24	23	21	24	26	27	24	28	24	16	23
16	17	18	18	18	17	17	16	10	15	13	19	21	27	28	29	27	23	8	0	0	0	1	7	8	15
17	12	12	6	5	8	9	6	2	1	5	-	7	5	6	5	4	7	6	3	2	2	2	1	1	5
18	****	1	1	6	9	11	12	11	12	6	2	5	11	13	14	16	14	11	14	16	15	9	7	6	10
19	8	4	3	2	4	6	3	1	3	6	****	14	14	16	14	13	8	2	1	1	1	0	0	0	5
20	0	0	0	0	0	0	0	0	1	2	3	5	9	12	8	5	2	1	1	1	2	2	1	0	2
21	0	0	0	2	4	7	6	6	6	6	8	10	12	12	17	18	16	17	17	14	9	6	4	4	8
22	2	0	0	0	1	1	0	0	1	3	5	9	9	10	10	8	2	1	1	2	2	1	0	0	3
23	0	0	0	0	0	1	1	1	2	2	2	4	5	2	3	1	0	0	0	1	0	0	0	0	1
24	0	0	0	0	0	0	0	0	1	0	2	6	9	10	10	12	11	11	14	17	18	18	21	21	8
25	23	22	22	23	23	24	23	21	22	23	24	25	26	26	25	25	22	12	13	3	1	2	4	4	18
26	3	3	3	4	4	3	2	1	3	27	9	15	14	16	18	10	1	0	1	0	0	0	0	0	6
27	-	1	3	4	4	3	2	2	4	8	8	7	8	12	13	10	7	8	8	8	7	7	5	2	6
28	0	0	0	0	0	0	0	1	0	0	2	4	2	3	1	0	0	0	0	0	0	0	0	2	1
29	13	18	19	17	15	11	10	11	12	12	15	18	20	20	21	21	18	18	12	11	11	14	15	11	15
30	9	8	8	9	13	15	18	16	13	12	7	6	3	6	13	12	0	0	0	0	0	0	0	1	7
MEAN	11	9	9	10	11	11	10	9	9	12	13	14	15	16	16	15	13	10	9	9	8	9	8	9	11.0

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	0	0	0	0	0	2	6	9	****	6	10	8	3	0	3	3	3	1	0	3	3
2	2	1	5	8	7	6	3	1	8	2	9	11	11	16	17	19	21	22	23	23	25	27	27	28	13
3	28	28	29	30	29	29	28	26	25	45	27	28	28	29	29	27	25	24	23	23	12	14	8	12	25
4	20	20	18	18	18	18	13	7	8	10	14	14	****	****	****	****	9	7	5	4	0	-	8	10	12
5	10	12	13	11	13	13	13	14	12	14	12	12	11	12	12	10	7	10	9	8	8	9	5	7	11
6	8	7	7	9	10	8	5	4	2	3	5	4	2	2	1	0	0	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	1	4	3	3	5	3	2	3	11	8	2	2	1	1	0	2
8	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	1	5	6	8	11	14	16	3
9	18	18	18	15	17	18	16	9	9	6	30	11	12	13	13	12	3	0	0	2	-	-	20	19	13
10	21	20	21	20	14	13	13	16	17	17	19	****	18	15	14	11	****	****	20	24	24	24	25	25	19
11	25	25	25	24	20	14	8	6	8	15	18	22	22	21	19	18	15	12	11	11	-	-	-	2	16
12	2	2	2	4	9	6	2	0	0	1	1	0	0	1	2	2	0	0	2	3	5	6	8	4	3
13	1	1	0	7	12	16	20	21	23	24	24	25	27	26	25	24	19	10	14	16	8	2	9	16	15
14	16	15	16	17	17	15	12	18	20	22	26	26	26	27	26	26	20	17	8	12	14	12	4	4	16
15	5	8	2	0	3	1	3	0	1	2	4	8	9	****	****	10	5	3	****	6	0	0	0	0	3
16	0	0	1	0	0	2	2	5	2	****	22	****	23	26	26	25	23	22	22	23	24	24	22	17	14
17	14	21	16	12	16	15	5	2	2	7	15	14	10	8	3	5	3	2	5	2	****	1	2	4	8
18	5	7	6	6	4	12	24	26	23	22	24	24	24	26	22	19	17	16	13	16	16	-	-	-	17
19	22	23	25	26	26	26	25	25	23	24	25	25	-	-	25	25	23	15	9	6	6	5	11	11	20
20	13	12	15	10	13	14	15	13	13	14	19	23	25	25	25	23	19	11	10	10	6	6	9	12	15
21	15	15	10	7	7	7	6	7	12	16	20	23	23	24	22	21	19	8	5	7	8	4	0	0	12
22	0	0	0	0	0	0	0	0	0	3	6	6	7	9	13	11	7	8	8	3	0	0	0	0	3
23	0	0	0	0	0	0	0	0	1	2	3	6	5	4	3	3	1	0	****	0	0	0	0	0	1
24	0	0	0	0	0	1	23	24	28	29	****	25	27	27	26	29	29	28	28	27	27	27	26	26	20
25	26	26	25	22	18	17	14	10	17	21	25	27	29	29	30	31	29	21	12	4	6	3	3	3	19
26	4	1	3	1	3	2	3	2	6	10	10	12	13	15	15	13	7	5	3	2	2	2	0	0	6
27	0	0	0	0	0	0	0	0	1	2	30	19	18	19	18	14	9	5	6	5	4	5	2	1	7
28	0	2	0	0	0	0	0	0	1	3	5	6	7	10	11	5	0	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	2	4	6	8	7	14	22	22	18	16	15	15	15	18	20	8
30	21	21	22	23	24	26	27	24	22	21	22	23	22	23	23	18	10	3	7	13	12	7	6	13	18
31	17	13	6	0	1	6	8	7	12	16	15	13	14	11	13	13	13	10	11	10	13	9	11	-	11
MEAN	10	10	9	9	9	9	9	9	10	12	15	15	15	16	16	15	12	10	10	9	9	8	8	9	10.8

PERCENTAGE OF DATA VALID - 96.2 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	12.0	23	31
FEB	29	19.1	30	36
MAR	31	23.4	38	55
APR	30	23.7	35	68
MAY	31	29.9	47	99
JUN	30	31.0	54	97
JUL	31	33.2	61	133
AUG	31	31.4	58	121
SEP	30	20.4	35	87
OCT	31	13.5	22	58
NOV	30	11.0	26	42
DEC	31	10.8	25	45
YEAR	366	21.6	58	155

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	349	369	7	0	0	0	0	0	725
FEB	156	456	70	0	0	0	0	0	682
MAR	116	374	229	2	0	0	0	0	721
APR	133	355	199	16	0	0	0	0	703
MAY	93	294	264	70	6	0	0	0	727
JUN	76	327	157	105	13	0	0	0	678
JUL	111	246	223	119	21	2	0	1	723
AUG	89	318	203	97	17	4	1	0	729
SEP	172	411	100	28	3	0	0	0	714
OCT	284	437	12	3	0	0	0	0	736
NOV	361	345	7	0	0	0	0	0	713
DEC	387	327	2	0	0	0	0	0	716
YEAR	2327	4259	1473	440	60	6	1	1	8567

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.5	0	1.8	11.2	19.1	26.9	41.5	52.9	66.7	76.6	155	21.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	4	8	7	14	15	14	5	1	0	0	0	2	3	0	0	8	3
2	6	13	11	7	15	19	19	11	4	4	4	6	7	35	43	44	45	48	50	54	55	55	54	54	28
3	55	49	50	51	52	52	52	49	46	45	43	43	45	45	43	46	45	46	42	38	32	29	36	38	45
4	37	42	37	30	24	14	9	7	12	****	-	-	14	18	16	16	10	4	6	4	6	8	6	6	16
5	8	10	9	10	11	13	15	17	17	18	19	21	23	24	27	26	23	16	15	16	20	23	16	13	17
6	17	11	13	15	11	11	11	11	13	14	17	15	15	20	25	25	25	20	17	14	10	2	5	8	14
7	9	13	16	18	17	12	13	12	13	15	16	17	17	18	18	17	14	14	14	16	17	16	18	14	15
8	14	18	18	18	18	16	15	17	16	16	18	21	21	23	****	23	18	13	8	7	10	13	10	11	16
9	14	23	22	22	22	19	18	15	13	13	14	16	18	19	22	22	18	12	13	11	8	10	9	4	16
10	4	6	4	7	9	7	8	9	10	13	17	17	17	14	11	11	11	8	5	1	0	0	0	0	8
11	4	9	9	11	13	15	16	20	23	23	23	23	23	21	19	20	19	19	15	22	17	15	19	21	17
12	23	23	24	25	26	26	24	24	24	25	25	26	26	25	25	25	23	14	14	14	11	11	14	12	21
13	12	11	11	11	13	13	10	7	7	8	8	9	9	9	9	10	6	7	9	10	10	9	8	8	9
14	8	8	6	4	2	0	0	0	2	4	6	6	5	7	8	8	6	7	8	8	9	9	10	12	6
15	11	13	13	13	10	4	5	10	15	17	18	18	15	21	24	26	24	21	17	11	14	14	15	13	15
16	12	12	10	8	****	8	10	12	12	11	13	17	17	17	17	14	13	12	12	9	5	0	0	0	10
17	0	0	0	0	0	2	5	6	8	12	12	14	11	13	8	2	0	****	0	0	0	0	0	0	4
18	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	-	-	-	-	-	-	-	-	-	****	1	2	3	5	3	9	12	9	6	9	10	15	14	20	******
23	23	22	20	20	23	24	22	21	20	21	23	23	23	24	26	26	24	21	21	21	22	23	25	21	22
24	22	22	22	16	16	21	18	13	14	17	23	22	22	20	17	20	22	23	24	21	13	17	20	15	19
25	16	13	14	10	12	14	14	11	9	11	13	17	21	21	19	20	22	19	18	9	5	5	7	4	14
26	3	0	2	6	11	11	11	11	11	18	19	24	26	27	26	26	24	19	21	24	21	21	19	21	17
27	21	16	17	13	12	10	9	6	7	13	19	29	29	28	27	27	26	22	22	21	16	19	18	18	19
28	24	26	26	26	26	27	24	18	18	22	21	24	23	23	22	21	21	14	12	12	15	16	14	16	20
29	13	10	6	7	7	7	11	12	10	15	22	24	24	26	26	24	21	20	18	15	16	14	12	13	15
30	13	17	19	23	30	31	31	30	27	26	29	30	32	32	31	31	32	32	30	28	28	25	28	26	28
31	28	28	30	31	30	32	30	17	19	27	29	32	32	35	****	34	34	34	34	34	34	34	32	32	31
MEAN	15	15	15	15	16	15	15	14	14	17	18	20	20	22	21	21	20	18	17	16	15	15	15	15	16.8

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 13.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	32	31	31	31	31	31	31	28	30	30	30	30	33	33	33	34	34	34	30	29	29	25	23	31
2	22	28	27	30	29	28	28	27	27	28	29	31	31	32	32	32	34	32	31	24	20	23	19	21	28
3	17	5	7	16	27	26	26	27	27	27	27	29	30	31	32	32	32	31	31	32	33	33	33	33	27
4	33	32	32	32	31	31	31	30	27	27	28	29	29	30	32	34	34	31	31	26	15	13	16	6	28
5	2	9	13	15	13	8	3	0	5	9	13	20	20	22	22	24	14	7	9	13	6	12	11	5	11
6	6	8	3	6	7	15	15	4	6	12	15	18	26	28	28	27	24	17	16	13	13	13	19	16	15
7	22	18	16	16	16	13	14	15	19	25	25	29	31	32	34	31	30	30	31	30	32	33	32	26	25
8	24	24	28	29	28	22	12	11	14	21	26	32	31	34	35	35	30	29	23	11	15	17	15	13	23
9	15	15	9	10	16	18	11	21	30	29	32	32	33	36	40	41	43	42	28	26	20	20	18	16	25
10	15	18	9	7	7	2	3	4	10	20	25	33	31	32	34	34	30	27	29	28	28	31	29	31	22
11	27	20	24	30	30	24	21	23	25	28	26	29	28	26	23	26	30	24	19	22	17	15	20	21	21
12	20	12	14	17	13	15	12	9	14	17	25	28	29	31	34	30	29	31	34	31	28	24	15	5	22
13	4	6	10	6	3	0	3	5	13	16	17	22	24	25	26	22	21	17	21	19	13	8	1	4	13
14	7	12	19	18	17	15	16	15	22	31	35	35	35	36	37	37	37	28	20	29	30	35	31	25	26
15	29	31	33	32	29	24	20	21	25	28	29	30	31	33	34	30	25	26	25	25	27	27	24	17	27
16	17	17	18	19	22	28	33	34	33	31	32	32	31	32	34	34	34	34	33	32	32	31	31	31	29
17	33	33	32	33	31	28	22	22	22	22	28	33	33	34	35	35	29	30	36	35	24	8	6	10	27
18	13	14	15	16	17	18	18	17	19	21	24	28	33	35	37	40	41	40	44	40	34	23	20	16	26
19	12	12	14	16	17	17	15	15	18	18	19	19	22	22	20	23	24	22	24	23	22	21	22	22	19
20	22	20	15	5	1	4	5	7	9	13	13	14	11	11	10	6	6	3	0	0	0	0	0	0	7
21	0	3	6	8	9	10	10	11	13	17	19	23	31	32	37	40	41	33	29	23	22	19	12	12	19
22	11	10	12	17	18	20	20	21	19	15	14	12	11	5	1	4	7	10	20	22	25	25	26	25	15
23	24	24	25	26	26	25	23	23	23	22	22	21	25	25	25	23	22	8	8	9	8	1	0	0	18
24	2	10	16	9	14	17	22	25	27	28	28	24	27	28	28	29	27	28	27	25	24	23	24	25	22
25	26	26	29	29	31	35	34	30	31	30	30	31	32	32	31	31	31	31	30	30	30	28	28	28	30
26	29	29	29	30	30	31	31	30	28	26	29	29	29	31	33	32	30	26	23	25	31	32	25	21	29
27	22	16	11	9	6	17	16	12	12	24	28	28	30	30	31	32	32	32	32	33	33	32	32	32	24
28	31	31	32	32	32	33	30	26	28	29	29	30	32	32	34	33	30	29	29	36	34	34	31	31	31
29	32	32	32	32	32	31	27	26	24	26	28	28	28	28	28	28	31	30	29	27	25	28	28	28	29
MEAN	19	19	19	20	20	20	19	19	21	23	25	27	28	29	30	30	29	26	26	25	23	22	20	19	23.2

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	24	24	16	15	21	20	22	24	29	29	29	30	32	35	35	35	35	34	32	29	22	14	23	26
2	30	34	35	32	32	32	28	22	27	30	32	34	37	35	35	35	35	37	31	22	26	17	16	13	29
3	9	5	5	7	12	12	11	11	17	17	20	25	29	29	27	29	35	38	37	32	26	31	34	31	22
4	28	23	19	17	14	12	10	9	13	14	16	19	22	28	38	34	28	24	23	21	20	17	16	20	20
5	27	26	24	18	17	17	18	12	11	7	26	32	32	32	34	36	38	35	34	34	27	34	31	31	26
6	29	23	23	14	18	16	18	24	27	29	32	34	34	34	33	35	35	36	34	31	30	29	26	26	28
7	23	21	14	15	16	10	6	14	16	20	31	35	39	39	37	****	35	37	34	38	43	43	43	41	28
8	41	39	38	35	31	27	25	23	20	18	19	19	24	33	36	44	52	53	50	48	48	45	40	32	35
9	23	17	31	18	14	12	17	23	25	23	28	37	47	49	53	62	62	62	60	52	44	40	36	39	36
10	35	36	31	27	23	23	24	24	25	28	36	38	41	38	36	34	30	33	36	39	40	37	35	36	33
11	34	34	34	34	35	35	32	28	33	34	32	34	34	35	36	36	36	36	36	36	36	36	34	33	34
12	33	32	32	31	30	30	33	34	32	32	32	34	34	35	36	38	42	38	38	35	36	31	26	20	33
13	21	22	22	25	24	23	21	23	24	26	29	31	28	27	26	25	24	22	22	21	20	18	14	9	23
14	7	5	9	17	22	26	26	27	30	32	35	37	38	36	36	37	40	42	41	32	36	38	39	40	30
15	42	41	39	38	37	36	36	34	34	35	37	37	38	39	40	40	39	38	37	36	34	34	33	36	37
16	42	41	41	41	41	41	38	37	36	36	36	36	37	38	40	43	45	44	43	42	43	45	46	46	41
17	43	41	39	38	37	36	35	34	35	36	35	34	30	29	28	31	34	****	35	35	36	38	35	34	35
18	39	39	38	38	38	40	38	34	31	34	37	39	42	43	46	47	45	43	41	39	29	23	13	8	36
19	6	11	14	18	20	22	23	25	25	26	26	27	32	37	40	42	42	41	35	28	25	22	21	29	27
20	31	29	30	30	25	22	27	29	31	33	36	37	43	47	54	54	54	48	44	41	36	40	46	45	38
21	42	41	33	32	34	34	41	41	38	37	36	35	35	37	38	39	38	39	40	40	40	39	39	40	38
22	39	40	40	40	40	40	42	42	41	40	41	41	42	43	42	42	46	47	46	42	38	34	32	22	40
23	27	20	27	31	33	29	32	37	40	41	41	42	39	36	33	37	38	41	36	33	35	37	40	36	35
24	32	31	30	29	29	27	23	22	22	22	19	20	19	18	19	22	25	27	28	21	16	27	30	33	25
25	32	31	31	32	34	36	39	39	37	35	34	34	35	36	37	38	37	35	35	28	28	26	23	26	33
26	28	23	21	16	10	5	6	8	21	40	41	43	41	43	43	41	41	40	39	34	35	34	32	26	30
27	22	23	24	20	19	24	13	20	29	38	39	41	44	45	46	47	46	42	35	35	31	32	33	32	33
28	22	24	22	19	19	15	13	13	17	30	34	37	****	35	36	38	38	37	33	28	19	19	28	18	26
29	12	7	21	23	31	37	35	32	32	32	32	35	39	39	41	42	42	43	41	40	37	37	37	36	33
30	35	31	26	29	30	32	29	30	30	34	38	45	46	46	47	50	50	46	40	38	38	39	39	39	38
31	38	35	36	37	37	35	34	28	25	24	23	22	20	20	21	24	25	24	18	19	20	20	18	18	26
MEAN	29	27	28	26	26	26	26	26	27	29	32	34	35	36	37	39	39	39	37	34	32	32	31	30	31.5

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	17	16	15	14	18	18	21	21	19	20	21	21	20	19	18	19	17	14	14	14	10	8	17
2	9	8	9	9	8	7	4	3	3	5	9	21	34	45	47	50	52	52	49	43	41	43	45	39	26
3	36	32	24	21	18	11	20	22	25	32	32	34	36	37	37	****	20	30	25	26	21	22	24	27	27
4	29	26	25	8	10	13	5	5	5	10	17	16	30	34	35	35	34	35	35	35	34	35	34	28	24
5	24	21	25	26	22	7	8	21	28	32	32	35	38	39	39	40	41	38	36	23	27	17	19	25	28
6	21	19	20	24	22	16	20	22	24	27	32	34	44	52	52	54	54	54	50	45	43	45	50	49	36
7	41	38	35	31	29	26	23	22	27	32	36	42	44	43	44	45	44	43	44	40	43	43	40	37	37
8	32	30	28	23	21	27	29	31	33	31	31	31	31	31	32	38	40	41	41	42	53	54	53	48	35
9	41	37	31	30	29	27	28	29	25	19	22	24	25	26	29	34	34	35	29	23	22	25	28	28	28
10	23	20	25	26	27	26	27	28	28	24	15	14	13	16	19	18	25	25	23	22	19	20	21	16	22
11	13	20	20	22	23	21	19	17	14	11	11	12	19	20	23	****	14	10	19	18	16	14	17	18	17
12	21	24	27	32	32	27	25	28	32	29	30	21	19	31	30	24	21	24	16	28	30	34	31	30	27
13	30	30	29	26	23	17	14	19	22	28	30	32	34	32	30	29	28	27	27	26	25	23	21	19	25
14	24	24	24	24	24	22	21	21	22	25	26	25	25	26	23	21	16	19	21	23	18	16	22	25	22
15	15	16	24	25	24	24	24	21	20	16	15	9	12	16	20	25	26	29	32	32	31	30	29	29	23
16	33	32	32	35	37	38	38	38	39	39	40	41	42	42	36	41	41	41	40	38	30	32	25	25	36
17	28	28	29	29	31	32	32	35	36	36	34	34	39	36	35	36	38	38	32	31	21	****	****	****	33
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	****	****	28	36	49	56	66	59	50	53	45	42	36	29	25	22	******
23	23	20	25	25	22	22	24	26	27	26	25	25	27	27	27	29	32	34	34	32	29	23	22	17	26
24	22	19	8	10	11	26	29	30	32	30	30	31	33	34	34	34	32	32	32	29	26	27	30	30	27
25	31	33	35	35	32	29	25	26	27	28	28	30	34	37	35	34	29	31	33	20	16	15	16	12	28
26	7	10	4	6	2	2	4	11	20	25	26	28	34	30	28	23	21	20	19	16	16	16	16	16	17
27	15	15	15	15	15	14	12	11	18	26	20	23	23	23	23	23	21	34	45	46	43	37	34	30	24
28	29	29	25	16	12	11	12	17	17	23	30	29	36	34	26	23	16	16	15	15	15	15	15	15	20
29	15	10	10	9	8	8	7	4	5	7	7	8	12	12	13	14	16	16	18	18	17	17	16	17	12
30	17	15	12	10	10	10	12	12	12	11	14	16	18	20	21	25	29	30	25	22	17	16	16	14	17
MEAN	24	23	22	21	20	19	19	21	22	24	25	26	30	32	32	32	31	32	31	29	27	26	26	25	25.8

PERCENTAGE OF DATA VALID - 84.6 PERCENTAGE OF DATA INVALID - 15.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	17	17	18	17	16	15	14	12	15	17	15	17	18	18	18	21	21	21	20	18	15	13	9	17
2	11	12	8	10	14	14	13	9	9	10	14	16	20	21	23	26	****	32	32	31	19	12	17	3	16
3	5	11	10	11	11	7	8	8	21	24	25	31	34	32	33	31	31	31	30	28	26	23	23	23	22
4	21	22	22	22	15	18	13	9	13	20	31	49	27	29	29	29	34	32	30	27	15	14	15	23	23
5	17	13	17	23	23	19	23	24	28	28	43	52	62	53	46	44	50	49	50	46	44	37	34	26	35
6	27	25	24	22	20	22	23	20	19	22	23	26	25	29	42	35	32	37	40	31	27	24	20	21	27
7	32	28	27	25	25	23	16	14	13	14	16	18	18	18	19	18	17	19	20	22	19	15	15	9	19
8	5	6	7	9	15	17	11	10	13	15	16	15	18	19	19	20	18	16	17	18	18	14	13	12	14
9	16	17	17	16	11	11	5	7	14	18	19	21	23	23	24	22	23	23	20	17	9	9	10	7	16
10	6	5	8	8	8	10	16	24	27	32	38	44	47	48	51	51	51	47	45	39	41	40	38	42	32
11	37	37	37	41	42	34	31	28	28	28	30	32	34	35	36	38	37	33	29	20	13	15	6	15	30
12	12	6	10	6	3	6	11	14	14	17	20	26	20	34	37	25	33	25	23	16	16	10	10	10	10
13	19	16	17	23	17	15	17	15	16	18	18	21	22	25	27	27	23	24	26	26	22	21	25	27	21
14	29	29	28	25	22	17	15	13	13	15	16	18	18	19	19	18	19	18	18	14	8	7	12	15	18
15	15	10	7	5	2	2	4	8	9	13	18	21	22	23	22	21	22	22	21	18	13	19	8	12	14
16	17	21	13	6	7	8	5	10	19	20	21	23	23	22	23	23	23	21	19	15	12	13	11	8	16
17	8	12	17	17	17	16	16	16	18	19	21	24	24	25	24	23	25	27	29	29	29	27	25	24	21
18	22	21	20	21	22	21	18	13	11	17	22	25	30	31	30	30	34	35	28	26	28	30	29	29	25
19	27	25	28	29	29	28	26	27	29	31	31	32	34	35	35	37	36	32	29	29	29	25	25	26	30
20	24	21	20	19	18	16	15	13	11	11	12	12	15	22	24	23	25	21	18	16	13	10	11	10	17
21	7	7	7	9	10	8	8	9	12	13	14	18	21	22	23	23	22	22	21	15	9	12	14	15	14
22	14	9	7	5	4	3	3	4	5	5	8	11	18	23	18	17	19	19	13	9	10	18	16	13	11
23	12	10	8	6	6	6	4	4	5	7	12	12	11	13	****	61	66	66	46	27	34	41	29	17	22
24	10	7	6	20	19	16	15	26	30	32	43	44	42	40	42	45	47	48	51	50	42	36	46	49	34
25	51	55	53	52	46	37	29	23	19	18	21	23	22	22	24	25	27	28	28	28	28	28	29	29	31
26	28	23	20	18	19	17	16	20	21	22	23	26	26	26	26	24	24	25	25	24	21	16	18	16	22
27	13	12	11	9	5	5	11	13	24	27	26	28	29	26	31	37	31	26	25	24	20	20	20	20	21
28	16	16	15	14	12	10	10	10	15	20	29	41	44	****	****	****	****	****	****	****	****	****	****	****	******
29	****	****	****	****	****	****	****	****	****	****	****	27	28	30	40	53	54	55	57	63	62	66	67	62	******
30	51	45	36	29	28	31	26	29	35	41	48	54	56	59	64	63	62	53	35	22	29	29	33	35	41
31	36	43	43	45	34	31	30	31	31	35	39	36	34	32	31	31	31	31	32	30	23	19	16	15	32
MEAN	20	19	19	19	17	16	15	16	18	20	24	27	28	28	30	31	32	31	29	26	23	22	22	21	23.2

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	23	24	26	27	27	28	28	28	27	27	25	22	22	24	23	20	23	23	24	22	16	15	15	23
2	14	13	12	13	12	10	7	8	13	17	23	35	37	41	43	44	42	40	40	34	29	28	32	31	26
3	32	31	25	23	32	32	26	26	27	25	24	24	23	26	27	28	29	27	27	24	22	23	22	20	26
4	19	16	15	17	19	19	18	19	19	22	23	25	25	26	28	30	31	31	32	28	20	13	9	18	22
5	23	24	25	19	15	14	21	19	22	24	26	32	35	37	38	37	36	36	34	30	28	22	26	34	27
6	37	41	39	36	34	31	32	33	37	38	45	52	58	71	79	56	50	49	54	45	43	43	41	41	45
7	41	38	36	36	35	25	23	22	23	27	30	30	31	30	36	36	41	47	46	44	38	28	29	44	34
8	42	37	36	22	13	12	11	11	15	15	16	19	25	25	26	26	25	24	22	21	15	****	10	18	21
9	20	19	15	14	13	11	14	17	20	22	24	30	29	30	31	29	29	31	32	30	23	20	16	13	22
10	11	14	15	14	13	14	13	13	14	17	21	24	28	26	25	24	26	30	31	28	24	16	15	21	20
11	25	24	22	13	11	9	27	29	24	25	29	28	27	27	32	33	36	38	39	30	25	20	16	22	22
12	23	21	20	16	13	12	14	13	15	24	30	46	91	93	61	34	34	43	54	62	47	43	34	34	37
13	35	35	33	26	21	19	22	28	34	41	54	54	60	65	67	75	74	75	75	68	54	50	50	52	49
14	53	54	54	45	39	36	30	23	26	40	41	40	52	55	58	58	57	56	56	52	39	21	15	32	43
15	31	32	31	28	23	16	16	45	50	45	28	16	13	14	15	16	17	17	19	20	19	19	20	22	24
16	20	18	14	10	7	7	9	14	19	21	22	23	24	23	22	23	23	24	24	23	16	8	3	3	17
17	3	2	1	0	1	4	4	11	14	19	20	29	47	51	54	58	65	71	66	60	51	39	35	29	31
18	27	26	24	18	16	13	15	19	29	38	42	46	58	57	55	53	55	48	43	39	32	22	15	15	34
19	11	13	14	6	5	7	16	19	28	40	45	59	62	65	71	45	31	36	37	21	23	28	30	30	31
20	30	38	37	29	21	16	18	19	21	24	25	28	28	27	28	28	28	28	29	24	12	11	9	15	24
21	15	11	7	3	1	3	7	15	21	27	35	43	57	53	48	51	57	58	60	60	47	39	34	33	33
22	30	32	31	25	20	18	17	19	29	39	55	60	68	73	80	83	81	79	73	65	57	50	48	45	49
23	45	44	41	37	30	26	34	35	43	44	54	72	78	85	85	83	81	75	66	59	50	61	84	87	58
24	70	71	72	73	70	58	54	52	46	46	46	61	66	75	67	62	60	62	58	40	29	16	22	25	54
25	31	25	14	16	19	20	30	34	36	37	49	66	68	66	65	66	64	58	52	53	37	48	45	36	43
26	40	40	38	41	41	37	31	30	43	60	74	77	93	102	99	77	76	60	53	47	47	44	47	48	56
27	43	37	31	25	22	20	17	16	18	19	25	26	27	23	19	19	20	21	24	25	22	22	23	21	24
28	15	8	10	14	19	16	13	12	11	12	15	18	30	48	50	79	99	114	74	45	26	24	24	20	33
29	19	22	28	28	14	17	20	23	24	30	39	47	51	50	40	40	38	36	32	31	30	26	20	22	30
30	23	18	15	13	16	16	16	15	16	16	17	17	18	19	19	20	20	19	18	15	13	15	14	12	17
MEAN	28	28	26	23	21	19	20	22	26	29	33	38	44	47	46	45	45	45	43	38	31	28	27	29	32.6

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	7	4	2	1	3	8	15	24	26	28	32	36	38	43	52	56	52	47	43	47	41	29	27
2	25	34	27	22	20	17	15	14	15	15	16	16	17	18	19	19	20	21	21	20	20	13	4	6	18
3	7	1	1	2	1	1	2	6	11	14	16	18	20	22	24	36	43	46	45	46	26	24	36	40	21
4	29	30	34	30	25	18	22	41	56	58	58	66	68	70	76	77	77	79	67	66	68	69	70	59	55
5	60	61	52	38	38	37	38	27	26	24	26	34	40	40	43	47	50	44	34	29	28	27	25	25	37
6	26	26	26	22	20	16	14	19	25	23	23	23	20	18	18	18	18	18	17	15	9	2	1	1	17
7	2	4	3	4	3	3	4	8	12	23	26	27	27	30	41	42	46	48	48	49	47	46	42	44	26
8	38	34	30	31	31	28	26	28	30	34	35	****	****	****	****	****	****	****	32	32	30	18	19	9	29
9	5	1	4	3	4	2	4	8	14	18	19	22	22	23	22	28	32	38	39	40	36	23	23	15	19
10	9	16	18	9	9	9	11	20	26	35	44	51	54	55	58	59	61	35	35	28	26	39	40	27	32
11	30	30	29	23	29	21	19	28	39	47	59	55	51	52	57	48	45	46	37	35	37	30	23	20	37
12	21	14	11	16	18	15	16	17	17	18	19	18	22	26	32	36	42	35	26	24	20	13	6	1	20
13	9	10	10	12	11	6	7	13	19	22	26	28	30	30	31	29	28	29	28	19	9	6	3	15	16
14	24	21	12	8	10	15	19	25	37	43	49	57	62	52	66	69	70	75	77	61	56	51	49	50	44
15	49	48	46	42	40	40	34	33	33	35	45	59	62	49	30	27	33	34	37	39	33	26	34	27	39
16	25	17	23	23	23	23	19	21	17	16	16	30	48	47	46	45	47	64	68	50	39	35	42	45	35
17	42	37	36	24	23	20	16	16	22	26	28	31	29	30	30	30	31	31	30	29	20	17	9	1	25
18	1	4	1	1	2	3	5	9	13	16	19	22	26	28	31	40	42	43	45	59	54	40	31	27	23
19	29	30	31	33	30	23	19	25	37	56	71	75	76	101	81	67	91	87	67	58	44	39	37	29	52
20	21	18	13	12	16	23	24	25	27	31	36	39	40	41	43	55	63	69	71	68	62	55	66	51	40
21	52	37	30	38	38	30	24	25	45	48	51	58	63	59	****	****	41	42	44	30	24	20	13	16	38
22	26	29	30	25	20	20	16	13	17	18	18	20	27	28	29	26	25	19	18	16	15	14	15	9	21
23	10	9	7	7	8	9	8	9	12	16	17	16	17	17	17	17	16	16	16	11	7	1	2	1	11
24	5	1	0	0	0	2	7	27	29	38	39	44	58	49	40	48	50	78	83	51	35	26	22	16	31
25	17	15	11	10	10	11	11	9	9	10	23	49	71	****	****	****	****	****	****	****	****	****	****	****	******
26	28	15	14	14	14	13	11	12	15	17	24	30	20	19	18	21	21	24	24	22	21	23	23	20	19
27	21	16	21	22	22	23	18	16	17	20	22	22	24	25	29	31	28	25	22	20	13	14	37	38	23
28	39	35	35	31	31	32	26	19	17	16	15	18	****	31	33	31	32	32	32	25	22	14	7	6	25
29	10	9	12	12	6	1	3	7	8	24	25	19	22	16	27	54	62	41	29	30	19	10	6	3	19
30	3	3	3	1	0	2	4	9	****	****	17	18	20	20	20	21	23	23	24	19	17	14	10	20	13
31	20	25	27	28	23	24	20	14	17	18	23	27	28	31	37	50	54	52	49	39	31	28	26	20	30
MEAN	22	21	19	18	17	16	15	18	23	27	30	34	38	37	37	40	43	43	41	36	30	26	26	22	28.0

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	13	13	17	17	16	9	9	11	14	20	20	17	17	35	62	63	55	52	28	22	16	16	17	24
2	20	23	22	15	16	17	17	21	25	34	37	40	43	39	35	33	34	34	32	25	20	15	11	8	26
3	8	7	7	14	15	13	12	17	21	25	28	30	31	30	30	30	30	27	24	18	10	8	10	14	19
4	14	14	17	15	16	16	12	12	14	28	30	34	38	39	38	38	36	36	28	****	****	37	38	44	27
5	45	43	26	22	23	22	23	22	24	27	27	40	54	49	47	57	48	42	41	35	20	25	25	20	34
6	15	15	12	10	12	15	12	20	31	45	55	56	59	63	77	87	87	65	52	39	40	36	27	28	40
7	28	28	17	17	16	13	14	18	18	30	42	41	50	47	54	53	69	79	64	53	34	18	20	18	35
8	17	18	14	15	14	16	19	30	39	31	32	30	39	52	62	80	63	58	49	44	30	21	29	32	35
9	28	27	23	17	18	14	11	19	28	31	31	32	32	28	30	27	29	29	26	19	17	19	18	17	24
10	8	8	11	11	9	7	10	13	14	13	13	15	18	16	20	24	22	19	20	16	14	****	11	11	14
11	9	6	6	4	10	9	5	12	16	24	35	40	38	44	42	43	45	46	40	37	33	22	22	22	27
12	25	22	21	20	18	21	21	22	21	24	26	27	26	27	26	26	28	29	24	19	12	9	7	7	21
13	7	6	9	6	8	7	6	13	20	22	17	18	25	26	44	65	61	42	31	36	40	36	39	37	26
14	35	27	34	28	30	26	25	25	25	30	41	41	47	60	58	54	41	39	28	19	18	20	30	39	34
15	31	25	25	22	20	19	16	18	16	17	20	19	20	****	14	14	15	15	15	15	16	16	18	18	18
16	20	19	18	17	18	19	19	18	18	18	18	18	17	17	16	16	16	15	14	12	9	8	8	8	16
17	6	6	5	4	4	5	7	9	16	16	15	18	24	23	20	18	18	17	15	16	16	16	17	16	14
18	15	15	14	12	9	8	7	5	6	13	27	28	43	42	41	61	56	50	42	31	13	13	21	21	25
19	15	16	13	6	5	2	2	6	15	26	29	32	38	45	27	41	59	56	52	35	30	28	28	34	27
20	34	34	33	30	26	22	20	16	19	29	12	25	40	50	53	50	47	46	44	25	21	21	25	29	31
21	31	27	22	20	16	14	13	15	14	20	39	47	56	66	48	32	31	29	26	26	22	25	18	16	28
22	14	14	14	16	21	23	22	22	24	25	27	27	23	20	16	14	19	24	25	14	12	9	11	12	19
23	12	12	12	13	14	15	14	17	21	23	23	24	23	23	23	23	23	23	21	12	14	13	12	12	18
24	10	1	1	1	4	4	5	9	13	21	38	44	45	44	43	68	88	73	45	35	31	19	17	17	28
25	8	7	18	12	17	12	13	21	28	24	18	23	30	40	43	57	66	61	53	45	37	29	22	23	30
26	37	42	36	28	29	26	23	24	25	42	61	78	82	84	81	92	114	125	93	63	66	61	55	43	59
27	41	41	36	35	34	27	20	17	28	42	59	78	88	115	121	115	115	114	88	69	59	54	43	28	61
28	20	19	22	24	22	20	12	14	22	32	37	43	50	56	49	76	81	82	53	44	41	34	27	23	38
29	23	18	18	18	18	18	18	16	20	24	38	54	71	76	80	79	72	62	56	58	78	75	63	50	46
30	32	44	41	46	47	38	35	31	31	39	40	42	63	67	72	72	72	68	60	54	50	34	30	28	47
31	28	23	18	18	10	7	9	14	17	20	29	37	40	34	45	49	47	37	43	44	38	30	26	23	29
MEAN	21	20	19	17	17	16	15	17	21	26	31	36	41	45	45	50	52	48	41	33	29	26	24	23	29.6

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	23	21	23	26	26	23	19	21	26	27	33	41	47	50	50	40	29	24	12	10	10	11	27
2	11	9	4	4	3	3	4	6	8	11	18	21	26	32	34	34	35	33	23	14	18	7	5	6	15
3	7	7	1	3	4	5	3	8	13	30	38	36	39	40	43	49	50	43	32	21	16	13	13	15	22
4	17	19	22	23	24	22	19	19	30	50	54	64	65	57	60	61	65	60	50	33	30	27	23	12	38
5	20	42	41	31	22	21	12	20	19	27	35	38	40	41	42	45	47	36	18	24	27	34	24	18	30
6	18	10	4	0	0	0	2	8	27	30	30	27	26	25	24	24	24	25	13	6	6	4	6	7	14
7	5	7	7	3	1	0	3	5	11	16	22	24	27	28	35	37	34	29	19	7	5	3	8	11	14
8	11	8	15	12	13	10	15	18	29	39	39	42	55	64	65	68	72	53	19	28	41	36	30	25	34
9	28	29	29	34	42	34	26	22	23	38	38	35	28	29	23	21	21	22	20	19	17	18	18	20	26
10	21	21	22	20	17	12	6	7	13	21	20	23	28	29	30	30	31	30	24	15	9	7	6	9	19
11	7	5	6	8	7	9	12	16	20	27	41	45	48	48	51	53	52	43	36	30	23	20	9	11	26
12	16	15	14	8	7	5	5	6	8	16	31	37	38	40	40	36	31	27	18	8	4	5	7	5	16
13	11	10	13	14	14	13	11	12	15	14	16	18	16	16	19	24	39	46	40	37	31	31	23	27	21
14	24	19	12	17	23	26	23	21	20	18	17	18	18	16	15	15	14	14	16	18	18	16	15	13	18
15	11	9	8	8	8	6	5	6	8	10	11	11	13	13	12	14	14	15	11	6	6	6	7	5	9
16	11	12	10	12	12	11	9	7	9	12	18	25	25	23	20	20	22	21	18	20	17	11	10	10	15
17	14	13	14	11	11	9	10	10	11	13	13	14	14	13	12	13	14	14	9	5	7	8	8	6	11
18	6	9	6	8	5	6	8	9	9	11	12	16	18	19	21	22	22	20	17	16	13	13	14	16	13
19	12	11	7	6	2	3	3	4	7	****	28	29	31	31	32	31	29	41	43	39	34	37	42	47	24
20	38	30	28	27	21	18	19	21	17	15	15	23	29	29	31	39	49	37	30	18	37	28	25	25	27
21	27	27	29	29	23	25	25	21	19	28	34	45	58	56	58	58	53	52	40	39	41	36	23	19	36
22	14	11	9	3	6	8	7	6	6	11	15	18	19	19	36	48	44	33	21	18	17	17	21	21	18
23	19	16	16	15	15	13	7	7	9	10	11	12	20	19	18	17	16	14	13	11	8	7	7	9	13
24	9	9	9	8	5	2	4	8	11	13	21	23	24	25	26	26	26	24	6	9	10	12	12	18	14
25	18	13	11	9	8	11	9	8	14	17	19	24	22	22	21	26	17	11	10	18	12	15	24	25	16
26	20	18	16	15	16	17	18	20	18	18	18	19	19	18	19	18	17	16	11	5	4	8	5	9	15
27	11	9	7	5	4	2	2	4	7	15	17	20	20	18	16	19	18	9	6	10	8	8	7	7	10
28	6	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29	- DATA INVALID -																								
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	38	38	48	49	44	34	31	30	40	38	******
MEAN	16	15	14	13	12	12	11	12	15	20	24	27	30	30	32	33	34	31	23	19	18	17	16	16	20.4

PERCENTAGE OF DATA VALID - 91.5 PERCENTAGE OF DATA INVALID - 8.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	26	24	14	11	9	10	12	14	21	****	39	42	48	54	59	59	51	43	40	43	32	27	25	32
2	27	27	21	22	21	14	11	9	13	13	15	18	19	21	23	21	21	19	14	9	12	8	9	11	17
3	9	5	8	9	5	5	3	3	7	8	14	18	24	23	24	18	15	12	6	7	15	15	15	15	12
4	15	15	15	15	14	14	15	15	16	17	17	15	17	17	16	15	15	15	14	13	12	12	11	9	15
5	8	8	8	9	12	13	13	11	10	11	13	14	15	15	16	16	15	12	11	9	7	5	3	3	11
6	3	3	3	3	4	6	6	7	13	11	13	24	17	20	21	20	19	18	15	16	19	19	15	13	13
7	10	7	4	3	3	1	0	1	6	12	13	15	19	19	21	21	21	18	10	11	19	16	15	17	12
8	15	14	12	8	8	6	8	9	9	16	23	27	32	34	38	38	37	29	12	19	16	16	17	17	19
9	14	15	14	12	10	7	5	8	14	17	19	19	20	19	20	20	20	16	11	5	4	6	9	9	13
10	9	7	4	4	4	3	5	9	13	15	17	20	21	22	34	37	36	28	29	22	20	19	13	9	17
11	6	5	5	3	4	4	4	4	6	8	9	11	10	10	10	11	10	5	4	5	10	13	12	14	8
12	15	14	14	16	16	15	14	13	12	12	13	15	16	16	19	20	21	21	20	12	4	5	13	14	15
13	20	17	18	13	10	8	9	12	19	21	23	23	23	23	22	22	20	20	20	21	18	7	2	1	16
14	1	0	0	0	2	1	1	3	4	11	16	15	17	21	20	21	20	15	14	14	12	11	0	0	10
15	12	14	14	13	15	14	8	8	8	11	10	10	9	10	10	8	6	2	1	0	2	3	2	3	8
16	3	2	2	1	1	0	0	0	1	1	1	2	2	2	4	7	9	8	5	4	4	8	11	10	4
17	14	19	20	19	20	20	18	18	17	16	14	12	15	21	21	21	21	19	19	18	16	15	14	9	17
18	5	7	8	9	7	10	10	9	10	10	10	12	16	17	****	27	27	23	17	11	11	5	8	10	12
19	12	13	8	10	7	5	8	9	11	11	11	12	15	17	17	18	19	13	10	12	13	15	16	18	13
20	19	20	15	14	9	12	10	9	10	11	15	21	20	20	21	21	18	17	14	10	9	8	12	7	14
21	4	7	8	9	13	12	7	8	10	14	16	18	22	22	21	21	21	18	12	12	20	24	24	23	15
22	21	17	13	11	9	2	3	4	5	13	20	23	24	25	25	21	18	17	14	14	12	10	9	10	14
23	12	12	13	14	14	13	7	7	10	12	17	17	18	20	20	17	16	16	15	14	14	11	9	9	14
24	10	10	8	8	10	10	12	12	13	15	18	20	23	22	25	25	22	18	17	16	19	17	12	10	16
25	11	11	10	10	11	6	4	1	3	3	6	9	9	10	11	11	8	9	9	8	10	15	13	12	9
26	10	10	11	11	12	12	13	15	16	16	17	18	18	17	17	19	19	18	18	19	19	18	12	15	15
27	19	21	19	18	18	17	14	13	16	19	17	18	15	10	10	8	7	6	4	0	0	0	0	0	11
28	0	0	0	0	0	6	11	14	23	24	24	24	25	25	25	24	22	19	14	7	8	8	7	14	14
29	11	10	10	8	8	7	4	4	1	7	17	19	20	18	18	18	18	11	5	5	3	1	2	3	10
30	5	5	7	7	7	5	5	7	5	8	16	15	15	21	21	19	16	13	13	13	10	3	3	4	10
31	5	5	5	5	5	5	5	5	6	7	11	15	19	19	20	20	18	14	12	10	7	7	7	9	10
MEAN	12	11	10	10	9	8	8	8	10	13	15	17	19	19	21	21	20	17	14	12	13	11	11	11	13.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	8	11	11	12	11	11	10	12	15	17	17	17	17	16	18	18	17	15	16	18	20	14
2	19	18	19	19	19	18	17	16	16	26	32	32	33	32	31	31	26	20	20	16	19	15	15	18	22
3	18	14	13	11	11	11	9	11	15	19	21	23	27	32	42	44	45	30	28	29	32	29	25	24	23
4	28	26	23	21	22	25	19	14	5	4	5	5	5	6	7	8	9	11	12	12	5	6	8	11	12
5	17	17	17	15	11	15	11	4	7	15	16	16	16	16	16	17	15	10	6	2	0	1	2	2	11
6	2	0	1	3	6	6	5	5	5	9	6	5	6	9	10	10	11	9	8	8	6	4	2	3	6
7	5	6	6	3	3	5	5	4	7	10	10	10	8	8	7	****	14	16	19	19	21	22	23	22	11
8	17	17	17	17	19	21	21	21	21	21	22	24	22	23	24	24	22	19	18	18	18	16	15	13	20
9	5	2	5	8	12	14	12	10	12	15	16	17	16	18	18	17	18	17	15	13	10	9	8	12	12
10	18	20	21	20	20	21	22	19	17	17	16	14	13	12	11	10	8	8	5	4	4	21	22	23	15
11	23	23	22	22	22	22	21	21	21	21	21	21	21	21	21	21	19	18	18	19	18	16	18	15	20
12	15	13	13	12	12	11	11	13	14	16	18	20	20	18	18	17	7	5	8	6	2	3	1	2	12
13	4	4	4	2	3	3	4	4	4	3	4	4	4	4	2	1	1	1	0	1	1	1	0	1	3
14	0	0	1	1	3	4	4	6	12	15	16	18	19	25	24	20	20	18	18	20	20	16	13	9	13
15	12	9	11	14	16	17	20	18	17	19	21	22	24	24	22	20	19	20	21	23	23	23	23	20	19
16	17	15	15	14	14	12	9	8	14	19	23	23	26	26	27	24	20	13	9	9	7	15	16	14	16
17	15	10	12	10	10	9	11	11	10	10	10	9	8	7	6	9	9	7	5	4	6	5	3	0	8
18	0	1	2	3	4	6	7	7	8	15	16	17	17	13	8	10	13	14	13	13	14	15	13	6	10
19	6	7	4	2	0	0	0	2	7	7	10	13	14	13	11	12	7	2	1	0	0	0	0	0	5
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21	2	2	0	1	2	2	1	3	5	5	6	11	13	14	15	17	17	15	17	17	11	3	5	5	8
22	2	1	0	0	0	0	1	2	8	10	11	13	17	17	15	14	13	14	13	13	10	8	5	5	8
23	6	6	6	6	4	5	6	4	5	8	9	7	9	8	7	6	4	7	8	5	6	7	5	2	6
24	0	0	0	0	0	0	0	0	0	0	3	7	8	10	11	12	13	14	17	17	19	19	18	17	8
25	18	18	18	20	20	21	20	20	20	19	19	20	22	24	25	22	22	19	5	2	0	2	4	3	16
26	4	2	0	0	0	0	0	0	2	6	10	11	13	8	8	10	9	7	7	6	2	1	2	0	5
27	1	3	7	5	5	3	3	5	6	8	9	8	10	15	15	14	14	13	12	11	12	11	9	7	9
28	3	0	0	0	1	2	2	4	7	8	9	8	9	6	6	4	1	1	3	4	1	0	0	0	3
29	7	11	16	18	14	9	10	11	11	14	14	14	21	22	23	21	15	16	12	6	7	3	11	11	13
30	6	4	5	6	7	11	11	12	15	12	9	13	14	17	18	17	15	13	11	9	8	7	2	2	10
MEAN	9	9	9	9	9	9	9	9	10	12	13	14	16	16	16	16	15	13	12	11	10	10	9	9	11.5

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	4	3	3	4	1	0	1	3	5	10	13	12	12	12	8	2	3	4	4	3	0	0	5
2	1	5	9	9	11	10	17	20	24	10	5	9	11	13	16	18	18	19	19	20	21	25	23	24	15
3	24	25	25	25	25	25	25	24	24	25	26	29	29	27	26	24	25	23	21	19	21	22	22	22	24
4	22	24	23	21	19	14	13	11	13	14	15	13	18	19	****	25	21	16	11	1	3	10	11	11	15
5	13	13	10	10	10	10	13	15	16	17	18	19	19	20	21	22	24	20	19	18	11	6	10	12	15
6	12	10	10	9	10	10	8	8	8	10	11	12	8	7	6	4	2	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	2	6	7	7	6	7	5	2	5	5	5	2	2	0	2	3
8	4	2	0	0	2	5	10	11	9	10	11	10	3	3	1	0	0	4	7	8	9	12	13	14	6
9	16	20	18	18	18	17	14	13	11	13	17	19	22	19	18	16	7	1	0	2	3	0	11	17	13
10	20	20	19	18	18	17	17	16	15	18	17	16	19	16	13	10	10	15	17	19	21	21	22	22	17
11	22	22	22	22	19	16	12	9	8	14	20	20	20	16	12	12	13	8	11	10	6	1	1	0	13
12	0	1	2	3	3	3	5	6	5	5	5	6	4	2	2	0	0	0	0	2	6	6	6	7	3
13	4	5	1	2	10	12	15	18	21	20	20	22	24	25	24	23	20	18	12	10	10	8	6	10	14
14	13	9	8	14	17	18	17	16	17	19	24	25	26	26	26	25	23	18	12	5	2	5	5	5	16
15	9	13	13	11	10	10	5	5	10	11	12	14	17	15	15	13	****	5	6	5	4	2	2	2	9
16	1	0	0	0	0	0	5	11	15	20	22	23	24	24	25	25	22	23	23	23	20	20	20	21	15
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18	0	0	0	3	0	6	18	19	19	19	20	20	21	22	17	18	16	11	12	15	16	6	12	13	13
19	20	20	21	23	23	23	23	22	21	22	23	22	23	22	22	21	19	15	8	6	9	10	10	8	18
20	10	10	11	11	9	9	10	10	11	15	18	19	24	25	25	23	20	17	14	10	6	8	10	12	14
21	12	12	11	7	2	4	9	11	13	19	19	22	23	****	23	22	19	10	6	3	3	5	5	5	12
22	3	0	0	0	0	0	0	0	4	11	15	19	20	20	20	20	18	14	14	13	7	0	0	0	9
23	0	0	0	0	0	0	0	0	3	5	7	8	5	2	1	1	1	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	11	18	22	30	29	29	30	29	29	28	27	26	25	24	23	23	23	22	19
25	23	22	21	18	18	13	9	10	10	14	18	23	23	25	25	27	26	17	15	13	13	13	10	6	17
26	9	10	11	12	13	10	15	12	12	14	15	14	13	11	10	8	8	5	4	2	0	0	0	3	9
27	1	0	0	0	0	0	0	0	2	5	10	14	21	24	25	23	21	16	15	15	15	10	9	4	10
28	8	7	5	2	1	1	0	0	3	4	8	9	13	13	14	8	6	1	0	0	0	0	0	0	4
29	0	0	0	0	0	0	0	0	2	6	8	9	12	11	10	17	21	21	19	18	17	17	17	18	9
30	18	20	21	21	22	23	23	23	22	23	24	26	28	28	28	25	22	20	22	20	17	14	14	16	22
31	18	15	5	4	8	9	11	12	15	19	19	20	19	20	23	23	21	20	16	17	18	15	14	14	16
MEAN	10	10	9	9	9	9	10	11	12	14	16	17	18	17	17	17	15	12	11	10	10	9	9	9	12.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	16.8	45	55
FEB	29	23.2	31	44
MAR	31	31.5	41	62
APR	25	25.8	37	66
MAY	29	23.2	41	67
JUN	30	32.6	58	114
JUL	30	28.0	55	101
AUG	31	29.6	61	125
SEP	27	20.4	38	72
OCT	31	13.3	32	59
NOV	30	11.5	23	45
DEC	31	12.2	24	30
YEAR	350	22.3	61	125

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	183	395	49	10	0	0	0	0	637
FEB	88	419	189	0	0	0	0	0	696
MAR	20	268	442	11	0	0	0	0	741
APR	46	374	174	15	0	0	0	0	609
MAY	96	470	123	31	0	0	0	0	720
JUN	31	385	181	107	13	2	0	0	719
JUL	111	357	169	79	4	1	0	0	721
AUG	68	409	167	77	12	5	2	0	740
SEP	170	361	105	23	0	0	0	0	659
OCT	289	433	16	4	0	0	0	0	742
NOV	338	369	11	0	0	0	0	0	718
DEC	328	413	0	0	0	0	0	0	741
YEAR	1768	4653	1626	357	29	8	2	0	8443

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.1	0	5.1	13.3	19.5	27.2	40.2	49.3	61.7	71.2	125	22.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	4	6	2	3	0	0	0	2	2	4	4	4	2	3	3	6	4	2	6	6	8	3
2	13	9	9	8	5	1	0	0	0	0	0	0	3	11	12	15	10	9	10	11	18	19	15	10	8
3	12	18	13	13	14	13	13	17	16	16	16	16	****	16	14	16	17	15	15	15	16	15	17	14	15
4	13	13	14	14	12	12	9	6	4	7	8	9	12	15	15	16	16	10	5	7	5	8	6	8	10
5	12	13	14	10	10	10	11	14	16	16	17	19	21	21	20	19	20	17	15	16	5	6	2	7	14
6	9	7	1	3	3	5	5	4	7	11	12	13	11	11	22	23	21	21	17	15	12	7	5	5	10
7	7	4	12	15	16	13	12	11	11	12	14	14	16	16	16	14	14	13	12	13	14	16	17	17	13
8	16	16	16	16	16	16	16	16	13	****	18	18	21	21	22	22	21	19	18	15	13	13	13	12	17
9	12	13	15	18	18	17	17	15	12	12	14	15	18	18	20	21	21	17	14	8	8	9	9	9	15
10	9	6	1	1	6	8	5	4	5	7	12	15	15	11	9	6	5	4	2	0	0	0	1	2	6
11	4	6	8	9	12	12	14	3	9	13	19	20	22	17	17	19	19	19	19	19	18	16	16	18	15
12	20	20	21	21	20	21	21	21	20	21	23	23	23	23	24	23	23	19	11	4	6	11	10	7	12
13	6	12	12	13	14	13	12	10	7	7	8	10	9	10	10	11	10	9	6	2	4	8	4	5	9
14	8	5	5	1	1	1	1	0	1	2	4	5	6	6	6	5	1	1	2	6	8	9	10	7	4
15	10	11	12	11	10	12	7	1	4	8	13	16	17	19	20	21	19	17	9	10	8	8	6	8	12
16	9	5	6	6	6	3	4	5	6	9	12	10	12	****	12	11	7	4	5	1	0	0	0	0	6
17	0	0	0	2	4	5	9	9	7	5	9	10	****	15	8	1	1	0	0	0	0	0	0	0	4
18	0	0	0	0	0	1	2	2	1	9	13	14	15	13	13	13	12	13	15	13	12	12	13	15	9
19	16	16	16	15	13	12	12	11	10	10	12	20	20	20	22	22	21	18	16	19	22	25	26	24	17
20	22	20	20	20	18	17	16	16	16	17	17	21	25	26	28	28	27	23	17	16	17	16	15	14	20
21	18	19	20	16	15	14	12	9	6	6	15	18	24	25	25	25	22	8	1	1	0	6	12	15	14
22	13	9	6	11	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27													- DATA INVALID -												
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
31	****	****	****	****	****	****	****	****	****	****	****	****	****	25	27	27	22	22	23	25	25	23	24	25	******
MEAN	10	10	10	10	11	10	10	8	8	9	12	14	15	16	17	16	15	13	11	10	10	11	10	10	11.5

PERCENTAGE OF DATA VALID - 69.5 PERCENTAGE OF DATA INVALID - 30.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	27	25	25	26	25	25	23	22	22	25	26	25	27	27	26	27	21	25	22	21	13	13	16	23
2	19	21	22	24	21	21	22	21	20	21	25	28	27	27	26	27	27	23	20	21	24	22	17	17	23
3	15	16	16	12	14	19	20	21	21	21	25	27	28	29	29	30	28	26	26	27	27	26	24	25	23
4	25	26	24	24	22	22	22	19	18	17	20	23	25	25	25	22	22	24	21	16	18	9	7	6	20
5	7	16	5	5	2	0	0	0	2	8	13	14	19	21	21	15	8	8	7	7	7	2	8	6	8
6	8	8	8	6	3	5	8	6	4	7	13	14	17	17	17	15	14	13	10	7	7	8	10	14	10
7	14	11	9	8	8	8	11	11	6	11	13	****	28	27	26	27	22	22	22	18	24	25	27	22	17
8	24	23	23	19	18	18	16	10	8	14	23	22	23	26	29	24	27	27	24	12	12	11	9	10	19
9	11	12	19	17	18	25	15	21	23	28	30	31	30	30	29	29	31	32	32	27	20	16	10	18	23
10	18	10	11	19	21	19	10	10	12	20	25	27	28	29	26	17	18	23	21	25	24	22	23	24	20
11	24	24	24	24	23	22	20	20	18	16	16	16	18	18	19	21	21	20	19	19	19	19	17	16	20
12	17	17	17	18	18	16	13	10	11	15	18	21	23	23	22	22	22	21	20	17	17	15	12	10	17
13	4	0	0	0	0	1	4	4	5	5	5	6	8	9	9	8	5	3	2	3	5	4	4	6	4
14	8	8	9	8	8	8	6	5	6	8	****	31	32	33	30	25	22	26	26	22	23	17	15	28	18
15	28	21	23	27	22	24	22	9	17	27	30	28	29	29	31	34	32	28	27	23	23	26	26	22	25
16	16	17	21	22	23	24	25	27	27	29	29	29	28	28	28	26	26	24	20	18	18	14	14	****	23
17													- DATA INVALID -												
18	****	****	****	****	****	****	****	****	****	****	****	****	31	32	32	****	27	21	22	27	33	32	31	28	******
19													- DATA INVALID -												
20	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	3	1	0	0	0	0	0	1	******
21	3	4	4	9	9	7	9	8	9	18	28	****	34	34	35	36	31	22	18	21	21	19	14	6	17
22	8	9	12	16	19	19	16	13	14	4	9	10	6	3	7	13	18	20	22	26	27	25	22	18	15
23	13	9	10	10	13	19	20	10	12	18	20	20	18	17	15	10	5	8	2	0	0	1	1	1	11
24	10	14	18	10	20	23	25	27	28	28	29	28	31	32	32	31	31	29	28	26	26	25	27	27	25
25	29	29	30	30	29	30	31	28	25	23	25	28	29	29	27	21	19	18	17	18	16	16	18	15	24
26	16	18	20	19	23	25	22	21	23	23	24	27	29	31	31	32	32	30	24	21	20	24	30	25	25
27	20	22	23	22	21	20	17	11	14	24	28	29	31	30	22	23	29	31	29	28	24	25	25	25	24
28	25	25	27	29	25	27	28	26	25	21	28	30	32	33	34	****	32	24	22	31	34	32	31	33	28
29	25	23	24	28	26	24	25	25	26	27	26	23	24	25	22	21	21	22	17	15	21	20	21	21	23
MEAN	17	16	17	17	17	18	17	15	16	18	22	23	25	25	24	22	22	21	19	18	19	17	17	17	19.3

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF DATA INVALID - 11.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	22	22	22	22	19	18	17	23	26	28	29	29	31	32	30	27	26	30	29	27	22	22	25
2	24	22	21	22	23	24	22	22	26	28	32	33	33	33	33	34	35	35	26	25	22	11	8	9	25
3	12	11	11	13	15	15	11	13	15	16	19	21	28	30	30	28	28	29	31	30	27	28	30	28	22
4	18	13	13	10	9	9	11	12	14	16	17	20	27	25	27	19	19	17	22	19	19	15	13	14	17
5	25	24	23	18	16	16	14	3	4	3	16	25	29	30	32	30	33	33	33	30	31	31	30	32	23
6	31	31	29	28	28	29	24	22	27	31	31	31	31	****	20	26	16	25	26	25	24	27	26	26	27
7	24	21	7	9	15	20	16	12	14	20	26	30	31	37	36	32	31	27	24	24	34	37	42	41	25
8	42	38	34	31	28	28	27	23	20	19	15	12	18	25	34	36	44	47	44	32	34	35	31	29	30
9	33	32	21	26	30	31	30	27	24	28	34	39	50	53	54	60	62	56	52	48	37	32	28	29	38
10	32	29	26	24	20	17	14	14	15	20	27	32	35	32	30	32	35	37	37	39	39	38	37	35	29
11	34	33	32	32	32	33	32	32	31	31	33	34	37	37	37	37	35	32	30	31	30	30	30	29	33
12	29	21	26	22	22	21	19	20	23	31	****	****	35	37	37	37	36	42	37	36	33	22	20	20	29
13	16	16	19	19	19	22	25	20	21	22	25	29	32	28	26	24	22	16	7	21	16	14	9	4	20
14	1	7	14	19	25	25	27	28	31	35	35	37	40	41	42	42	42	43	38	35	30	26	26	23	30
15	29	32	31	27	25	22	22	23	25	27	26	24	34	41	44	42	41	38	34	30	28	29	31	30	31
16	25	26	19	13	16	4	13	28	28	31	31	32	36	37	38	40	39	37	35	34	38	33	36	24	29
17	30	38	33	32	29	32	23	24	29	34	32	29	29	26	26	19	14	12	19	26	30	26	28	30	27
18	32	31	31	29	29	27	27	24	29	34	35	37	40	41	42	42	43	41	37	24	22	12	6	5	30
19	3	0	2	8	7	7	13	11	13	15	17	22	26	22	15	18	24	32	26	19	12	16	12	17	15
20	24	21	27	23	15	12	14	18	21	24	25	27	32	23	26	40	36	30	31	35	35	30	34	41	27
21	43	41	21	21	34	36	30	12	13	20	23	25	28	32	33	32	32	33	32	31	31	30	27	29	29
22	30	30	30	31	31	25	22	15	24	26	28	28	31	36	37	38	32	32	31	33	29	32	25	19	29
23	20	19	19	8	5	9	24	31	31	31	22	24	27	32	34	31	32	29	27	28	27	31	33	31	25
24	29	29	28	26	27	25	20	16	15	9	10	10	9	7	9	9	9	11	1	2	5	16	22	27	15
25	24	21	14	13	14	17	17	18	19	20	****	22	24	25	26	28	25	21	13	2	4	8	1	0	16
26	0	0	1	0	0	0	0	1	7	21	20	26	33	34	29	28	27	29	28	26	31	28	26	24	17
27	26	24	22	20	22	21	16	14	22	31	32	32	37	40	42	36	18	14	18	22	15	12	24	29	25
28	26	23	16	8	1	12	20	12	10	21	27	34	30	26	23	20	18	17	16	13	20	18	16	22	19
29	17	20	20	21	20	20	18	14	22	27	28	22	27	27	35	25	20	30	18	17	13	22	14	15	21
30	19	12	22	26	25	8	20	26	31	34	35	42	47	47	48	50	51	49	42	39	36	36	36	36	34
31	36	35	34	34	35	35	31	28	25	23	22	22	22	15	13	16	13	8	9	17	17	15	7	9	22
MEAN	24	23	22	20	21	20	20	19	21	24	26	28	31	32	32	32	31	30	27	27	26	25	24	24	25.2

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	13	19	18	17	16	16	17	16	18	19	18	13	****	6	3	7	9	10	11	7	4	5	12
2	7	4	2	3	4	4	3	3	0	2	6	12	21	27	38	35	42	43	31	20	9	5	5	9	14
3	14	27	27	24	22	21	18	16	24	31	32	35	37	37	37	32	32	37	26	9	20	15	10	13	25
4	29	29	26	19	18	8	3	1	3	10	13	16	31	34	35	33	32	32	32	32	31	30	31	28	23
5	27	29	28	25	27	26	23	24	27	32	34	36	41	43	45	46	48	47	45	40	40	37	31	28	35
6	29	14	9	11	1	3	8	13	14	16	31	35	47	50	46	41	43	53	48	47	45	44	49	54	31
7	50	45	42	35	31	24	18	18	25	25	32	41	39	46	44	44	43	43	44	40	35	38	36	30	36
8	26	23	22	21	23	26	28	30	32	35	37	35	35	34	32	35	42	41	30	45	41	52	50	43	34
9	32	30	27	24	21	26	24	19	17	****	19	24	22	11	19	26	31	18	16	12	12	16	22	17	21
10	23	26	14	11	11	15	14	15	17	17	15	16	15	16	21	25	25	22	20	19	18	18	19	21	18
11	21	17	21	21	18	18	17	15	16	14	13	12	16	15	15	14	20	18	14	9	8	14	18	20	17
12	19	26	29	34	32	25	24	30	35	34	25	22	23	29	30	30	28	28	28	28	32	35	31	28	29
13	27	30	28	19	20	16	19	21	23	30	29	28	31	30	27	28	28	28	27	27	25	24	24	25	26
14	25	25	24	23	23	22	21	20	20	24	24	24	24	21	17	17	18	15	13	10	16	19	18	15	20
15	6	6	7	13	12	13	8	4	4	4	5	6	14	22	23	22	20	19	21	21	18	17	18	21	14
16	25	27	27	28	25	26	33	31	32	34	34	34	33	34	31	31	28	28	30	32	28	23	20	18	29
17	22	19	20	21	23	24	26	26	27	29	30	31	31	32	38	35	29	27	24	29	28	22	19	20	26
18	14	16	19	[illegible]	2	0	4	12	23	30	32	41	49	34	62	44	44	44	41	38	19	7	15	3	25
19	4	2	[illegible]	[illegible]	6	18	26	33	35	43	51	55	65	65	68	65	61	60	47	47	45	22	20	26	37
20	36	47	[illegible]	[illegible]	37	42	45	45	43	34	28	31	54	61	42	28	29	25	25	19	14	21	9	3	33
21	0	3	6	6	2	9	13	30	65	83	29	27	40	43	45	****	****	44	46	42	14	18	15	15	27
22	18	17	18	7	2	1	6	5	5	11	20	27	35	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	25	26	27	27	26	30	30	28	27	******
24	23	20	21	22	26	27	25	28	30	30	28	27	26	26	24	25	26	19	23	23	21	20	20	21	24
25	29	28	25	15	21	19	10	14	20	23	25	26	28	28	27	24	19	18	17	9	9	13	11	4	19
26	2	0	0	3	4	8	8	8	13	23	29	30	47	33	29	17	17	15	13	11	8	1	2	5	14
27	6	7	8	8	8	5	7	9	13	20	20	15	13	14	10	10	11	20	36	30	21	12	21	21	14
28	19	23	24	23	25	19	8	13	14	22	30	32	38	35	32	15	13	12	7	9	11	6	7	11	19
29	10	9	7	10	9	9	9	17	20	12	3	5	8	7	12	14	16	13	2	6	2	4	0	3	9
30	9	8	12	9	15	13	12	13	14	21	14	16	29	36	37	37	37	39	28	21	17	7	0	0	19
MEAN	19	19	19	17	17	17	16	18	22	25	24	26	31	31	32	29	29	29	27	25	22	20	19	18	23.0

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	5	7	1	5	8	8	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-											- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	2	4	5	7	1	5	8	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5.0

PERCENTAGE OF DATA VALID - 1.1 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 98.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14902 286 PAGET ST, CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	11.5	20	28
FEB	25	19.3	28	36
MAR	31	25.2	38	62
APR	28	23.0	37	83
MAY	0	5.0	****	8
YEAR	105	20.4	38	83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14902 286 PAGET ST. CORUNNA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	225	292	0	0	0	0	0	0	517
FEB	129	446	42	0	0	0	0	0	617
MAR	60	444	229	7	0	0	0	0	740
APR	126	396	153	15	1	0	0	0	691
MAY	8	0	0	0	0	0	0	0	8
YEAR	548	1578	424	22	1	0	0	0	2573

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70.5	0	4.9	13.5	20.0	25.9	33.3	38.5	44.7	49.5	83	20.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE.FROOMFIELD SARNIA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	20	27	30	29	23	9	3	0	2	******
16	2	2	2	2	2	2	4	37	59	30	38	42	37	37	29	26	35	24	20	20	17	14	13	11	21
17	3	4	15	19	19	19	25	29	30	30	38	46	45	42	40	42	43	45	49	49	44	38	35	32	33
18	38	31	35	35	28	28	25	23	26	28	35	37	38	37	36	41	43	43	36	33	31	34	27	24	33
19	25	26	25	25	23	20	19	23	34	46	38	30	46	47	51	50	33	32	28	35	19	18	30	30	31
20	28	21	20	21	23	22	17	13	16	16	23	27	26	48	35	11	13	23	20	13	11	11	3	6	19
21	10	11	12	13	****	****	****	****	****	****	****	****	****	****	****	36	37	46	59	25	52	36	47	37	******
22	12	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	69	71	73	77	64	66	46	41	48	43	27	21	******
24	13	13	15	10	8	10	11	16	43	53	36	36	23	28	50	53	54	54	55	53	53	44	48	48	34
25	49	56	56	54	44	33	31	27	26	26	27	29	29	28	29	31	33	32	32	32	32	24	22	3	33
26	17	29	27	24	20	15	19	23	26	29	31	35	35	35	35	34	34	29	29	27	21	21	15	6	26
27	11	9	15	16	16	7	6	9	16	25	32	25	32	37	39	45	57	42	31	26	16	11	10	21	23
28	15	12	7	4	4	3	6	4	36	94	91	106	70	65	44	51	24	31	27	28	18	8	11	12	32
29	40	46	45	40	35	23	22	18	17	19	21	15	22	33	43	50	52	57	****	60	60	57	54	50	38
30	46	35	32	28	28	29	19	22	31	34	44	47	52	57	59	60	58	42	29	21	19	15	17	21	35
31	25	42	38	34	30	25	24	26	28	27	34	32	31	30	28	28	29	30	29	26	21	15	11	13	27
MEAN	22	23	25	23	22	18	18	21	30	35	38	39	40	43	41	41	41	39	35	32	29	25	23	21	30.2

PERCENTAGE OF DATA VALID - 46.8 PERCENTAGE OF DATA INVALID - 6.2 PERCENTAGE OF DATA UNAVAILABLE - 47.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	14	16	27	28	24	24	21	26	27	20	16	18	18	17	10	8	19	22	22	8	6	3	4	17
2	1	0	0	0	0	0	3	4	7	14	29	35	44	44	46	43	31	36	32	31	17	12	16	21	19
3	28	20	13	11	12	19	15	16	16	17	20	19	18	19	17	24	28	21	18	18	6	0	0	1	16
4	2	5	9	7	8	7	9	14	16	19	20	19	22	26	27	22	20	19	18	17	12	3	3	1	14
5	0	0	0	2	1	1	18	19	14	15	22	27	34	33	36	37	41	43	41	32	28	25	31	22	22
6	27	24	27	35	35	28	26	32	30	38	39	34	26	65	65	56	50	49	28	44	41	36	30	36	38
7	38	35	35	13	7	31	29	24	22	26	29	33	35	36	34	38	31	37	43	41	31	24	37	45	31
8	41	31	33	23	12	12	10	10	10	14	19	22	27	29	27	27	29	27	25	21	9	9	8	10	20
9	9	13	8	7	6	11	14	20	25	24	19	20	21	20	26	26	25	27	31	27	25	18	14	9	19
10	9	6	8	13	14	10	8	11	13	15	20	24	23	25	27	29	32	34	34	28	20	9	6	18	18
11	23	21	16	13	8	8	10	17	25	26	29	30	33	35	31	36	31	31	37	31	22	18	16	19	25
12	12	10	8	6	3	0	2	8	10	17	38	38	44	46	51	51	55	62	75	55	44	38	42	36	31
13	25	23	22	18	15	12	14	16	18	36	44	51	57	68	61	48	64	70	71	69	53	45	37	39	41
14	48	48	47	33	32	30	18	20	24	22	20	21	41	39	43	46	50	53	46	34	22	8	0	14	32
15	19	16	20	15	8	3	12	39	43	46	25	12	12	14	15	15	15	16	17	18	17	17	15	14	18
16	13	11	10	9	9	6	6	9	15	17	17	17	19	18	17	15	14	17	21	15	10	2	0	0	12
17	1	3	7	6	4	3	4	5	13	22	28	34	51	52	57	62	64	58	58	53	50	40	39	38	31
18	41	32	26	15	13	16	15	15	30	37	41	47	52	47	****	46	45	39	27	21	15	14	13	11	28
19	6	4	7	5	4	5	9	16	22	33	49	56	60	68	71	36	23	27	24	11	12	15	21	24	25
20	24	28	32	23	16	15	14	19	21	23	24	26	28	29	30	33	35	13	13	8	1	0	0	0	19
21	1	0	1	2	12	13	12	19	24	32	37	39	41	41	41	50	56	62	57	47	43	34	28	26	30
22	33	31	25	19	15	10	12	13	17	36	45	56	70	75	78	71	70	70	66	63	57	55	49	46	45
23	42	39	37	33	19	13	19	21	34	52	67	69	69	65	73	61	52	61	52	36	14	13	17	28	41
24	48	63	45	30	37	35	24	33	43	43	44	53	53	50	52	47	45	44	43	42	16	17	17	12	39
25	11	13	5	3	1	4	5	25	27	41	41	48	28	****	70	64	61	56	56	56	46	44	45	44	35
26	41	41	45	43	42	34	25	26	41	55	68	82	94	86	75	78	66	55	49	45	17	23	43	35	50
27	38	35	30	24	15	14	13	14	18	20	25	26	24	24	26	22	22	20	19	16	13	14	14	16	21
28	13	8	8	8	11	24	15	12	6	12	18	23	46	57	75	75	68	62	65	66	48	42	30	28	34
29	23	15	19	34	35	26	24	23	27	43	62	74	67	48	51	52	47	42	40	35	31	26	22	20	37
30	19	17	17	18	18	17	18	16	16	15	15	13	21	24	22	17	17	16	13	26	12	0	0	0	15
MEAN	22	20	19	17	15	14	14	18	22	28	32	35	39	41	44	41	40	40	38	34	25	20	20	20	27.4

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	5	3	4	3	2	7	9	16	30	34	42	46	46	55	61	68	77	68	57	45	47	51	47	34
2	41	39	32	19	23	21	20	19	20	19	16	24	26	16	17	21	25	28	30	25	14	6	7	5	21
3	6	6	7	5	0	0	2	16	71	26	33	36	****	****	49	51	57	59	60	39	31	30	26	8	28
4	28	29	21	16	3	4	14	21	44	44	45	46	48	61	70	72	80	79	69	69	74	61	60	55	46
5	44	32	27	24	33	34	37	34	32	32	36	39	47	48	50	54	55	31	11	23	30	29	28	28	35
6	25	29	27	28	26	14	17	20	24	23	22	24	24	25	18	17	17	16	21	18	13	6	1	0	19
7	0	0	0	0	0	1	8	11	16	27	28	29	32	31	36	44	44	53	52	47	43	47	37	36	26
8	38	39	41	41	43	39	27	42	40	40	32	35	36	31	29	27	25	18	7	23	25	12	3	3	29
9	1	5	9	4	2	1	7	13	14	14	22	25	15	16	24	27	28	43	43	29	2	0	0	0	14
10	1	3	3	4	2	1	6	17	20	32	41	56	50	28	****	66	68	72	68	56	48	35	46	40	33
11	42	30	21	18	20	16	26	37	44	49	55	58	67	56	59	55	45	32	22	20	27	25	18	20	36
12	19	16	12	14	8	13	23	22	18	18	19	9	15	15	31	38	47	64	36	23	12	3	7	9	21
13	8	4	4	6	5	5	20	25	27	44	36	35	39	40	38	38	59	39	33	13	5	1	0	12	22
14	27	18	22	21	15	9	16	19	30	44	58	69	74	48	74	79	90	91	57	****	47	48	48	45	43
15	47	47	46	43	43	37	30	28	40	50	65	85	74	48	****	38	48	53	53	48	20	1	24	27	43
16	24	24	18	26	29	25	22	34	24	14	10	62	74	32	38	58	76	91	55	46	40	52	61	58	41
17	51	45	45	42	36	28	20	18	25	31	35	35	36	38	40	41	39	40	36	30	19	16	8	8	32
18	14	11	12	11	10	7	4	16	45	48	39	16	35	50	59	39	43	82	79	61	45	38	29	27	34
19	30	26	17	22	21	19	20	24	37	50	64	73	87	110	94	77	75	71	68	70	59	45	34	22	51
20	5	11	8	10	21	26	28	31	40	46	47	47	59	62	66	57	65	85	87	78	69	61	58	49	47
21	49	45	41	29	38	35	28	32	40	45	45	47	49	49	48	48	49	43	35	26	25	15	12	13	37
22	25	21	19	25	20	11	10	12	14	15	18	28	28	33	30	24	29	21	20	14	18	15	11	10	20
23	9	10	10	9	10	7	6	5	7	9	14	18	20	20	19	16	15	16	16	13	6	0	0	0	11
24	0	0	0	0	0	0	1	6	19	****	31	32	38	40	48	75	84	71	59	47	35	24	13	14	29
25	16	12	6	7	2	0	3	12	20	30	39	57	64	64	63	74	76	83	79	66	56	48	41	38	40
26	33	32	32	27	30	28	14	16	32	28	39	42	38	35	31	27	28	32	34	41	49	47	38	36	33
27	30	30	32	35	39	44	44	31	31	32	38	45	52	53	55	63	65	59	46	39	34	34	32	33	42
28	37	37	40	40	32	29	20	25	27	17	16	21	30	42	44	45	43	34	34	35	30	24	17	7	30
29	10	12	17	16	14	9	7	9	11	14	22	31	40	62	93	89	81	62	48	38	33	20	19	11	32
30	17	20	19	14	13	12	6	9	16	20	22	25	26	29	29	31	30	29	27	23	8	4	4	4	18
31	13	26	37	42	37	30	20	22	25	34	38	42	49	59	70	71	71	58	57	45	50	50	40	25	42
MEAN	22	21	20	19	19	16	17	20	28	31	34	40	44	43	47	49	52	53	45	39	33	27	25	22	31.9

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "******" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	37	40	42	37	30	24	25	35	43	44	46	48	50	55	61	58	52	48	35	8	9	9	35	37
2	43	31	23	29	15	5	17	22	26	42	35	36	43	40	34	37	44	39	25	20	7	7	8	16	27
3	21	7	7	15	15	16	17	21	24	31	35	40	43	45	57	43	32	29	30	21	10	8	7	13	24
4	10	13	14	16	14	13	24	27	33	35	28	43	52	50	45	46	48	45	43	40	33	29	35	27	32
5	29	28	30	28	23	22	19	17	18	24	39	50	59	47	47	53	44	38	36	31	26	26	22	20	32
6	19	20	21	21	17	17	13	18	23	32	36	41	49	****	92	83	57	47	46	46	39	35	31	30	36
7	25	22	20	16	21	20	19	22	31	23	32	50	39	52	53	57	68	76	66	56	40	30	26	42	38
8	32	36	33	32	33	28	29	36	46	38	43	37	41	55	77	60	61	60	55	36	46	42	36	42	43
9	29	21	23	24	20	12	15	17	22	19	24	25	28	31	28	28	27	19	19	15	18	17	15	12	21
10	7	9	12	13	11	8	8	10	8	8	8	9	11	15	21	23	24	21	19	18	15	14	12	11	13
11	6	8	6	8	9	9	7	9	26	34	44	38	20	39	46	46	40	40	42	38	26	28	27	21	26
12	20	17	19	22	22	18	19	21	25	25	26	49	27	43	20	26	31	21	25	29	21	15	14	5	22
13	0	1	0	1	0	0	3	11	18	18	27	34	43	54	64	63	52	31	32	38	28	44	42	44	27
14	38	26	26	35	37	35	29	29	26	37	44	42	49	52	51	51	49	47	39	31	32	26	31	43	38
15	38	27	27	18	14	11	11	13	16	20	21	19	17	16	13	12	11	15	17	18	12	13	11	11	17
16	12	15	14	14	11	11	10	12	15	15	15	18	18	19	22	21	21	18	18	18	15	14	13	13	16
17	9	5	5	5	6	8	11	13	11	13	19	18	18	18	16	19	19	15	13	10	12	17	14	17	13
18	15	10	7	5	6	4	2	4	10	16	32	36	42	46	56	54	53	53	47	26	13	4	15	35	25
19	28	27	16	16	9	8	4	11	55	54	54	60	36	46	44	65	75	61	50	45	36	36	42	39	38
20	42	31	33	31	32	26	18	12	34	28	30	30	30	36	36	46	46	46	37	37	32	38	32	32	33
21	31	26	35	30	25	19	15	16	18	32	41	50	57	60	38	19	24	27	27	****	****	8	17	20	29
22	17	18	24	26	24	21	14	14	19	27	29	28	26	24	24	21	27	26	22	16	7	5	10	10	20
23	6	8	12	15	13	10	9	8	13	21	20	21	21	21	24	26	21	20	19	14	2	0	0	0	14
24	0	0	0	1	1	3	1	9	25	48	34	35	51	52	54	54	54	52	38	10	8	6	0	0	22
25	0	1	3	3	0	1	4	20	30	36	31	44	63	64	68	69	76	85	91	49	23	26	36	30	36
26	27	27	29	28	25	18	14	14	33	46	56	59	68	69	70	90	110	111	90	75	69	64	57	46	54
27	45	42	40	26	17	6	0	7	24	50	59	65	90	112	115	105	103	100	64	65	61	55	53	45	56
28	32	23	23	22	22	20	14	15	17	38	42	40	42	64	69	90	126	116	68	51	46	31	32	39	45
29	37	35	28	19	27	20	17	17	23	32	39	41	73	68	67	74	76	68	63	52	57	66	68	49	47
30	31	33	39	56	56	56	43	41	41	40	38	57	75	78	74	73	75	69	60	52	50	43	31	34	52
31	33	27	16	6	9	11	12	16	18	25	29	35	39	38	38	37	40	42	41	37	33	24	26	27	27
MEAN	23	20	20	20	18	16	14	17	25	31	34	38	43	46	49	50	51	48	42	34	28	25	25	26	30.9

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	27	23	11	16	21	19	16	12	25	23	26	26	44	53	52	47	38	27	16	16	12	7	5	25
2	5	6	5	6	6	6	5	4	8	12	15	17	26	35	39	38	37	35	23	12	13	11	13	16	16
3	14	12	13	10	6	7	1	3	49	65	65	41	****	55	30	61	73	74	82	65	57	41	29	39	39
4	54	74	67	59	30	30	12	27	47	48	86	73	85	88	87	115	118	107	88	70	63	61	30	48	65
5	78	81	95	89	71	47	15	30	40	55	70	83	88	89	92	93	94	83	71	43	27	13	17	27	62
6	12	0	0	0	0	8	14	29	50	65	64	54	51	44	40	38	42	42	35	21	3	0	0	0	26
7	0	0	0	0	4	3	5	9	14	29	49	46	47	65	73	73	65	61	53	23	13	18	15	6	28
8	3	4	7	16	7	4	2	27	68	64	84	87	93	119	119	118	103	97	63	4	61	103	88	63	59
9	51	51	51	51	69	51	31	31	79	80	80	77	74	77	35	35	37	36	28	15	18	15	18	22	46
10	30	26	21	22	22	13	6	10	18	35	42	54	65	68	71	55	71	63	42	26	20	30	34	37	37
11	42	27	40	37	22	13	12	21	37	****	65	86	88	101	92	96	92	79	72	61	61	51	51	51	56
12	52	42	48	29	21	16	2	2	6	59	71	70	44	32	75	73	93	84	38	43	18	18	18	18	40
13	12	14	20	14	16	29	25	22	14	24	35	27	36	36	60	81	83	112	108	104	107	91	79	70	51
14	51	48	49	66	72	71	73	66	55	43	40	46	45	36	26	34	27	21	32	51	34	26	20	23	44
15	28	19	19	16	18	15	12	14	16	21	30	30	30	32	37	35	32	24	19	14	21	16	8	25	22
16	12	13	1	0	0	0	0	0	0	4	32	46	70	53	29	34	56	54	40	46	40	36	29	29	26
17	28	34	36	31	21	26	14	16	****	****	****	****	21	21	19	21	24	21	8	4	1	5	14	13	19
18	7	7	6	3	3	6	6	8	15	22	24	16	35	38	31	32	36	40	36	38	34	31	30	26	22
19	13	6	3	0	13	11	5	9	15	27	31	32	29	34	37	39	36	29	36	39	38	47	51	38	26
20	34	36	37	40	39	27	13	14	21	25	24	23	30	38	44	55	49	37	40	34	29	36	18	16	32
21	26	31	33	34	14	20	15	15	19	27	38	52	55	57	59	58	57	53	46	48	47	38	31	23	37
22	12	9	15	18	10	13	8	2	3	10	21	24	22	12	36	48	25	27	27	19	21	22	27	23	19
23	17	13	10	12	10	7	2	6	6	10	10	12	19	23	23	22	22	16	11	9	3	1	3	2	11
24	6	6	7	7	6	6	4	4	11	25	30	35	33	33	18	14	31	34	13	8	3	3	3	8	15
25	8	10	11	12	12	5	3	4	7	15	24	22	16	18	18	14	16	18	19	24	25	26	24	33	18
26	27	24	19	15	16	16	12	14	17	18	18	21	22	22	20	17	17	13	7	6	5	3	6	7	15
27	7	5	5	7	4	2	2	5	9	11	20	16	20	13	13	17	19	20	9	6	13	16	14	10	11
28	10	8	9	12	12	10	9	9	12	25	27	29	31	34	32	29	28	27	19	16	10	6	3	2	17
29	5	11	9	11	10	7	5	6	12	18	32	28	35	47	54	58	61	56	50	42	41	44	44	43	30
30	38	42	23	26	19	21	8	8	10	19	25	42	54	****	37	37	46	46	38	35	36	34	32	36	31
MEAN	24	23	23	22	19	17	11	14	23	31	41	42	44	48	47	50	50	48	39	31	29	28	25	25	31.4

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	28	25	12	5	4	3	3	5	11	21	30	41	47	50	50	49	46	41	42	46	27	21	20	27
2	32	35	32	27	20	14	6	8	9	10	14	23	25	25	26	23	25	23	2	2	0	0	0	0	16
3	10	9	9	2	4	5	6	0	4	9	15	24	25	25	21	17	10	9	5	12	14	15	16	16	12
4	15	15	16	16	13	13	13	15	18	22	23	20	19	20	20	19	15	16	13	14	11	10	9	8	16
5	10	7	10	14	17	16	12	11	11	12	14	15	16	16	16	18	17	13	6	6	9	8	5	7	12
6	6	5	8	10	12	13	11	9	7	14	17	18	26	26	27	18	16	21	19	14	24	30	24	6	16
7	3	1	0	1	1	1	1	2	5	11	13	17	29	30	31	32	37	37	23	19	20	9	10	15	15
8	20	11	5	2	5	5	7	7	9	17	26	35	44	44	47	50	46	38	21	15	9	21	20	20	22
9	17	17	15	13	12	11	9	10	17	25	26	25	27	24	27	28	25	24	18	4	9	8	2	6	17
10	8	5	5	6	4	4	3	5	15	19	24	11	6	9	13	21	35	36	24	25	17	19	17	12	14
11	12	9	4	1	1	3	3	3	7	8	9	10	10	11	13	14	10	9	6	8	10	13	14	13	8
12	16	16	16	17	18	18	15	14	14	14	15	16	16	16	22	24	24	21	9	6	5	9	9	10	15
13	9	11	11	10	8	8	8	9	15	19	22	26	25	23	25	23	18	17	12	8	1	0	0	4	13
14	6	6	7	8	8	7	1	1	1	2	2	13	14	11	12	15	18	23	23	25	23	22	19	16	12
15	15	15	16	17	17	17	14	11	12	13	15	13	12	14	14	13	8	6	4	1	2	3	3	2	11
16	2	2	2	2	2	1	0	0	1	2	3	3	3	3	8	7	7	5	2	8	7	6	17	27	5
17	13	16	29	17	18	15	11	13	10	11	27	27	23	13	17	14	24	26	14	7	20	12	8	7	16
18	9	10	11	21	17	12	10	13	13	8	12	17	24	26	29	28	29	25	11	5	2	8	8	12	15
19	13	11	7	7	10	11	9	9	10	10	10	11	16	17	20	18	21	13	11	12	14	16	21	21	13
20	24	21	15	11	10	10	5	6	9	12	18	20	20	22	21	18	15	11	10	10	10	8	5	1	13
21	1	1	4	9	12	9	3	3	7	13	18	22	22	24	25	25	24	18	7	11	17	12	6	6	12
22	7	7	10	12	12	3	0	0	5	16	23	24	23	24	24	22	22	16	6	2	3	5	9	6	12
23	6	9	9	9	8	7	3	2	4	8	12	16	19	23	26	25	17	5	0	4	10	8	6	6	10
24	6	7	7	7	9	8	6	5	7	11	16	20	24	25	24	24	23	16	11	15	10	12	6	5	13
25	9	21	11	18	20	5	2	1	1	2	4	6	7	8	9	10	10	11	11	11	16	16	15	12	10
26	10	10	11	12	12	13	15	16	19	19	20	21	21	20	21	23	21	24	27	26	25	23	23	25	19
27	27	28	26	26	24	23	21	14	13	11	13	15	16	11	9	4	4	2	0	0	0	0	0	2	12
28	0	0	0	1	5	28	24	18	12	20	24	23	28	28	28	28	27	22	8	7	7	7	7	9	15
29	9	10	13	13	12	9	6	3	7	13	26	29	30	31	31	29	28	14	5	2	2	2	0	0	14
30	4	6	1	0	0	0	0	0	2	8	22	24	25	29	29	25	13	8	3	4	6	9	6	7	10
31	9	8	3	1	5	6	2	1	5	8	15	26	27	32	32	34	35	30	29	25	13	12	12	12	16
MEAN	11	12	11	10	10	10	7	7	9	12	17	19	21	22	23	23	22	19	12	11	12	11	10	10	13.8

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	19	16	22	22	22	18	16	15	14	19	27	28	23	25	28	23	21	19	19	19	18	17	16	20
2	21	22	23	26	22	22	17	17	24	30	31	32	32	36	36	37	36	34	29	27	27	21	14	7	26
3	14	16	8	10	9	9	10	7	5	6	13	16	26	30	38	41	39	36	40	41	40	33	37	43	24
4	42	36	31	32	35	36	31	10	6	4	5	6	8	9	12	17	17	16	17	16	15	15	17	14	19
5	19	20	16	15	16	12	7	4	4	9	15	19	16	18	22	25	19	7	1	0	4	3	0	2	11
6	5	5	3	2	6	9	8	2	2	2	3	5	7	14	14	13	8	6	2	0	2	15	10	8	6
7	6	2	2	3	5	5	1	0	1	3	5	6	14	8	3	0	4	8	13	15	14	12	9	6	6
8	5	9	9	11	18	18	19	16	14	16	28	28	30	30	29	17	24	24	17	17	15	13	9	5	18
9	1	0	2	4	5	10	6	8	13	18	22	25	24	25	23	26	28	25	20	17	19	20	7	10	15
10	17	20	23	17	16	16	19	15	18	19	21	23	27	23	23	25	27	31	24	28	26	24	20	22	22
11	34	37	37	36	36	35	26	18	24	29	25	22	21	29	32	29	28	30	30	13	15	7	8	11	25
12	8	10	15	18	18	16	12	2	6	12	19	21	30	28	18	10	8	1	0	0	0	0	0	0	11
13	0	0	1	2	4	2	1	0	1	1	0	1	3	2	0	0	0	0	0	0	0	0	0	0	1
14	0	0	1	1	2	3	2	2	6	11	20	31	36	36	32	27	22	16	18	28	27	22	26	31	17
15	31	31	28	26	26	25	29	32	32	29	31	33	38	32	27	29	31	35	35	33	35	36	31	26	31
16	17	33	30	31	32	26	23	21	27	27	26	27	34	28	32	32	36	31	9	7	2	1	23	27	24
17	28	15	5	9	17	10	11	6	6	8	16	15	8	15	13	6	3	5	10	3	1	5	5	2	9
18	4	0	0	1	4	9	10	6	9	7	13	5	14	9	15	23	21	17	22	22	26	18	9	7	11
19	7	2	0	0	0	0	1	0	1	2	4	15	19	28	27	19	8	1	1	0	0	0	0	0	6
20	0	0	0	0	0	0	0	0	0	2	2	5	13	18	17	8	12	8	6	5	14	7	3	0	5
21	0	0	1	2	2	4	3	2	2	5	6	15	21	25	30	34	29	30	34	25	13	4	5	3	12
22	0	0	0	0	0	0	0	0	1	1	6	10	15	15	17	18	12	6	14	20	24	4	1	3	7
23	4	4	1	0	1	2	1	1	2	4	5	4	5	3	3	1	1	0	3	2	3	4	2	0	2
24	0	0	0	0	0	0	0	0	0	0	0	1	5	5	5	6	6	5	6	14	16	23	27	30	6
25	35	35	34	32	30	30	31	28	29	32	35	35	35	34	37	38	30	11	3	3	0	0	2	1	24
26	0	0	0	0	0	0	0	0	0	2	7	18	30	32	30	16	11	14	5	0	1	0	0	0	7
27	1	2	7	9	5	5	3	3	5	13	****	8	20	37	36	30	30	34	34	27	25	17	6	1	16
28	0	0	0	0	0	1	2	2	3	3	4	4	3	1	0	0	0	0	0	0	0	0	0	5	1
29	30	35	36	31	22	8	13	16	16	18	26	37	38	38	39	39	36	35	29	29	30	32	19	7	27
30	9	8	6	10	24	26	33	35	21	17	6	12	10	23	13	4	10	9	5	3	1	0	0	2	12
MEAN	12	12	11	12	13	12	11	9	10	11	14	17	20	22	22	20	19	17	15	14	14	12	10	10	14.0

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	2	1	1	0	0	0	0	1	3	6	4	18	5	5	2	1	1	5	5	3	0	0	3
2	0	1	7	9	4	6	11	30	32	5	3	5	5	9	14	26	34	36	37	39	39	40	42	42	20
3	43	43	43	43	43	41	41	39	38	39	39	41	41	42	42	39	35	36	38	35	34	36	33	13	38
4	13	23	37	37	36	34	26	12	26	30	31	30	26	29	37	38	24	38	34	28	9	1	8	11	26
5	13	16	16	12	13	18	24	27	29	30	33	33	35	37	37	37	38	38	38	34	31	31	19	17	27
6	18	14	10	9	11	10	5	2	4	4	4	3	3	1	1	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	1	2	4	3	4	5	4	4	16	13	8	3	2	1	1	3
8	2	0	0	0	1	3	5	2	1	3	4	4	0	1	0	0	0	2	3	3	4	11	10	17	3
9	25	29	21	25	29	31	20	6	1	16	21	27	21	17	13	8	1	0	1	2	0	1	32	32	16
10	35	36	28	36	32	34	29	27	28	34	35	33	34	28	23	16	14	33	34	37	39	37	36	38	32
11	36	37	37	34	31	22	10	6	5	20	36	38	38	37	36	33	28	18	16	8	6	2	1	0	22
12	0	0	1	2	5	8	4	2	0	0	1	1	0	0	3	3	0	0	2	1	3	4	5	6	2
13	3	1	0	5	14	19	27	35	32	37	38	39	38	40	40	41	38	23	24	16	6	1	5	17	22
14	26	26	29	32	35	35	36	36	37	28	34	39	39	32	42	38	35	26	23	14	7	2	4	6	28
15	2	5	1	5	16	19	29	10	1	2	4	20	13	10	7	7	5	1	0	0	0	0	1	1	7
16	0	0	2	1	1	2	3	5	7	27	42	27	26	38	41	****	34	26	25	30	31	34	36	29	20
17	37	37	37	29	26	27	27	17	5	26	28	32	34	29	5	19	7	9	11	25	19	3	0	2	20
18	2	3	3	4	3	23	39	28	35	37	****	40	42	42	41	40	36	30	31	34	29	21	18	28	26
19	36	40	41	41	41	41	40	38	37	37	39	39	39	39	40	41	38	21	16	13	9	14	16	21	32
20	24	24	25	25	21	22	24	25	26	33	35	37	41	41	42	41	38	31	20	14	12	21	28	24	28
21	27	20	8	9	11	14	17	16	22	28	37	41	40	40	41	41	34	15	12	11	14	4	0	0	21
22	0	0	0	0	0	0	0	0	1	6	23	29	32	34	25	13	22	14	5	1	0	0	0	0	9
23	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	24	36	44	44	44	45	44	36	35	38	39	34	30	33	41	41	42	41	29
25	42	42	41	40	36	33	29	29	37	41	43	44	45	45	45	45	41	32	19	16	2	1	1	1	31
26	3	7	6	4	5	10	12	7	5	8	8	8	11	14	14	7	4	1	1	1	2	1	0	0	6
27	0	0	0	0	0	0	0	5	0	4	48	53	40	39	35	34	37	32	29	25	22	10	8	3	18
28	1	1	0	0	0	0	0	1	1	5	7	10	14	17	17	5	0	0	0	0	0	0	0	0	3
29	0	0	0	0	0	0	0	0	0	0	0	0	2	1	12	37	33	36	30	30	15	19	25	34	11
30	31	25	28	30	24	41	42	35	24	29	38	42	43	44	46	43	40	42	42	40	40	29	29	36	36
31	39	38	12	2	0	3	5	7	26	29	36	37	39	37	35	37	39	40	40	27	37	38	34	21	27
MEAN	15	15	14	14	14	16	17	16	16	19	24	26	26	26	25	25	23	21	19	17	15	13	14	14	18.4

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	13	30.2	38	106
JUN	30	27.4	50	94
JUL	31	31.9	51	110
AUG	31	30.9	56	126
SEP	30	31.4	65	119
OCT	31	13.8	27	50
NOV	30	14.0	31	43
DEC	31	18.4	38	53
YEAR	227	24.4	65	126

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14903 VIRGIL LA SALLE,FROOMFIELD SARNIA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	34	162	114	34	3	1	0	0	348
JUN	118	335	178	84	3	0	0	0	718
JUL	117	269	231	106	14	1	0	0	738
AUG	97	319	212	96	9	7	1	0	741
SEP	147	271	150	103	29	13	0	0	713
OCT	317	396	31	0	0	0	0	0	744
NOV	350	276	93	0	0	0	0	0	719
DEC	323	181	237	1	0	0	0	0	742
YEAR	1503	2209	1246	424	58	22	1	0	5463

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.9	0	1.6	11.3	20.5	31.3	48.5	61.7	74.8	87.3	126	24.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	11	14	15	16	14	10	12	12	15	13	11	10	11	10	9	9	11	11	9	5	3	1	11
2	0	0	0	1	2	1	1	0	0	1	1	****	1	2	****	2	2	7	****	****	8	9	11	12	3
3	12	12	13	16	15	11	11	8	6	13	12	11	13	14	12	11	7	3	2	5	****	4	4	4	10
4	****	1	0	1	2	****	0	0	2	6	10	11	12	9	7	6	6	8	7	8	10	14	15	****	6
5	4	2	5	4	****	11	10	10	11	11	13	15	15	15	14	12	10	3	4	1	1	4	2	1	8
6	1	1	1	1	1	1	1	1	2	5	13	9	11	11	12	15	15	14	15	14	15	6	3	6	7
7	7	9	8	****	14	15	11	8	7	8	10	9	9	10	9	8	6	6	8	8	8	7	10	12	9
8	13	11	11	12	****	12	11	8	6	8	****	9	8	9	11	7	6	2	6	7	6	6	6	5	8
9	7	7	6	10	13	11	10	7	6	9	****	13	14	13	13	9	8	5	5	3	****	2	1	1	8
10	1	0	0	0	1	1	0	1	4	7	10	12	13	8	****	12	9	9	9	6	5	2	0	0	5
11	0	1	1	1	5	10	12	15	14	16	13	13	13	13	12	12	12	11	12	11	13	12	11	11	10
12	14	14	15	16	17	17	16	16	15	16	15	16	16	10	10	10	10	5	5	2	2	2	4	3	7
13	11	11	11	10	7	9	9	8	7	10	10	10	10	9	7	7	7	5	4	3	2	2	4	3	7
14	3	4	11	10	9	8	5	3	2	2	3	5	5	****	7	6	4	3	7	6	8	8	6	****	6
15	****	7	3	3	****	2	2	2	3	6	11	14	14	15	15	13	7	5	7	9	7	9	13	12	8
16	11	12	11	10	12	11	9	8	9	10	10	8	****	8	6	****	****	****	2	3	3	2	2	1	7
17	1	3	2	2	3	2	1	1	1	2	3	4	3	2	1	1	2	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	0	1	1	0	****	1	1	2	4	3	3	2	3	4	4	4	5	5	2
19	8	8	10	12	13	14	13	14	8	5	3	4	4	6	7	8	6	6	6	8	8	11	15	17	9
20	****	15	15	15	14	16	17	16	18	19	18	20	18	17	17	18	16	14	11	8	11	7	4	4	14
21	7	11	15	17	17	14	5	2	1	3	7	10	11	10	****	11	6	2	0	0	0	0	1	1	7
22	2	6	6	5	8	10	6	3	2	2	2	1	2	2	5	4	4	3	4	3	4	6	6	4	4
23	10	14	15	14	15	16	14	11	9	13	14	17	17	18	16	16	12	12	13	15	15	17	17	18	15
24	19	18	17	13	12	10	6	2	3	8	12	13	17	17	17	17	11	6	2	1	1	3	7	9	10
25	11	12	7	5	11	12	8	4	5	5	8	10	8	27	9	9	7	1	1	1	5	4	2	1	7
26	3	3	4	5	4	5	7	8	9	11	15	16	14	14	16	17	14	9	8	7	6	7	10	8	9
27	8	10	10	11	13	10	3	0	3	9	15	20	20	21	22	20	13	11	13	9	5	8	7	9	11
28	13	15	18	18	18	17	15	9	8	****	16	18	17	17	15	16	9	5	3	2	4	3	2	1	11
29	6	9	8	5	5	4	3	2	2	7	12	12	17	16	15	14	12	5	1	1	2	4	5	6	7
30	8	7	12	13	12	19	18	13	10	16	19	22	22	21	21	19	12	9	9	-	6	8	9	2	13
31	7	8	11	16	15	12	9	5	10	17	20	21	23	23	22	21	17	13	13	10	15	13	11	15	14
MEAN	7	8	8	9	10	10	8	6	6	9	11	12	12	13	12	11	9	7	6	6	6	6	6	6	8.5

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	16	19	20	21	18	13	13	18	20	21	21	23	44	19	15	9	7	4	5	5	12	13	16
2	14	9	10	9	10	9	10	9	11	16	21	21	22	21	22	22	20	13	9	6	5	6	12	9	13
3	15	12	16	12	8	10	17	17	16	17	18	22	22	21	21	21	20	18	19	18	17	16	18	18	17
4	21	20	15	17	15	14	10	8	9	17	21	19	21	23	22	20	17	11	6	5	4	3	2	0	13
5	1	1	5	7	4	0	0	0	1	7	10	16	21	22	20	17	-	-	0	0	0	4	4	2	6
6	4	3	2	1	1	1	1	1	4	****	16	20	18	19	20	18	15	8	7	4	5	5	0	3	8
7	9	12	12	15	14	12	8	6	5	****	19	21	22	26	25	23	22	11	10	9	6	9	9	13	14
8	15	12	7	6	4	1	1	2	3	****	12	19	22	23	25	24	17	11	4	4	0	2	1	2	9
9	0	1	1	0	1	5	5	1	7	17	22	27	27	27	27	27	25	20	11	4	9	12	7	7	12
10	7	4	7	7	4	2	2	1	4	8	18	26	25	24	21	23	19	16	15	19	15	11	15	29	13
11	23	24	24	22	20	20	14	10	11	16	14	-	15	18	[illegible]	17	14	10	8	11	5	10	8	[illegible]	[illegible]
12	13	13	11	12	12	13	10	7	4	9	16	19	25	27	25	22	20	10	5	3	5	6	9	12	13
13	10	9	8	7	4	1	1	1	3	9	15	16	19	17	16	16	12	13	10	8	7	12	10	8	10
14	7	5	5	6	6	5	4	3	3	9	24	26	25	23	22	20	18	13	5	1	0	0	0	0	10
15	0	0	0	2	4	3	8	7	8	****	22	24	27	28	27	****	17	8	****	11	13	11	****	7	11
16	13	11	12	11	12	8	3	3	9	14	21	24	25	26	25	24	22	17	18	16	15	8	18	20	16
17	17	15	17	22	23	23	22	21	21	21	23	25	26	23	22	23	21	19	22	22	21	21	19	18	21
18	17	14	13	13	15	15	8	7	7	14	17	21	22	23	22	16	21	18	17	17	15	16	13	10	15
19	8	13	14	12	10	13	7	4	6	9	12	14	15	17	14	10	3	3	5	3	0	0	0	0	8
20	0	5	13	12	10	2	0	0	2	3	4	6	5	5	3	2	2	0	0	0	0	0	0	0	3
21	0	1	3	3	4	5	3	5	10	14	18	20	22	22	23	23	16	13	8	2	4	11	11	12	11
22	15	17	17	21	21	18	15	11	9	****	****	5	3	2	****	1	1	8	9	13	16	17	18	16	12
23	18	17	19	20	20	19	15	15	15	14	12	16	20	20	21	20	16	10	6	3	2	6	5	2	14
24	1	0	3	13	11	5	10	16	20	22	20	22	18	19	19	16	15	14	13	11	8	8	9	7	13
25	9	14	17	23	26	22	18	17	17	25	26	23	26	24	25	24	20	21	21	20	21	21	19	20	21
26	22	22	22	23	22	20	17	15	18	17	18	19	21	21	22	19	13	15	11	14	16	22	23	22	19
27	23	21	19	17	14	11	****	5	8	12	19	21	22	23	22	23	21	21	19	18	20	19	20	18	18
28	22	22	21	21	20	18	17	17	16	20	22	24	25	25	24	23	20	19	18	18	20	20	19	19	20
29	17	17	20	21	19	15	13	13	15	17	4	20	19	19	19	18	17	16	12	10	12	13	10	9	15
MEAN	12	11	12	13	12	11	9	8	9	14	17	20	21	21	22	19	16	13	11	9	9	10	10	11	13.4

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	5	7	6	11	9	11	19	21	23	24	25	23	24	24	23	23	18	14	12	9	9	10	15
2	9	11	11	14	19	23	18	21	21	20	25	27	26	26	26	27	27	26	21	11	3	3	6	9	18
3	8	6	6	7	5	5	3	4	7	12	14	19	22	21	20	16	****	18	18	17	17	16	21	22	13
4	20	18	17	15	14	12	6	4	5	****	11	13	16	19	20	****	****	7	6	5	3	2	8	13	11
5	15	18	20	19	16	13	6	2	5	5	3	6	14	21	22	24	22	21	18	15	14	17	16	18	15
6	21	20	20	16	13	5	6	9	****	****	****	18	20	19	18	16	14	11	7	8	8	8	9	14	13
7	14	13	8	7	12	11	6	7	14	18	20	23	24	28	31	24	11	8	4	5	10	8	14	15	14
8	12	12	9	5	9	10	11	14	12	13	12	9	7	13	20	25	26	26	24	26	22	19	19	13	15
9	13	10	15	13	14	14	13	9	15	19	24	27	27	29	37	38	39	32	23	25	21	19	22	24	22
10	19	23	26	22	20	17	8	6	10	13	18	23	25	22	18	15	16	14	14	23	24	22	22	23	18
11	23	22	22	21	22	20	19	15	16	17	21	20	19	20	22	21	20	19	19	18	18	20	17	18	20
12	18	19	19	18	14	16	9	11	15	18	23	23	23	23	22	24	25	23	16	10	13	10	10	9	17
13	13	17	16	17	16	15	16	14	12	12	13	15	15	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	11	12	11	7	9	14	16	17	17	12	55	23	24	25	26	25	24	21	18	14	15	20	20	19	19
15	22	21	21	20	22	20	18	19	20	22	22	24	25	23	22	22	25	21	15	11	8	8	12	18	19
16	19	21	19	20	17	18	15	16	19	22	24	25	22	20	22	21	16	12	12	11	12	15	25	24	19
17	27	27	29	24	23	24	20	13	11	14	18	18	****	****	****	****	5	13	19	21	22	22	21	23	20
18	24	24	25	25	25	25	21	20	22	25	26	26	25	25	26	26	27	24	16	4	5	5	8	7	20
19	6	8	12	11	9	5	5	6	10	15	16	18	20	22	24	24	23	22	13	4	5	6	3	4	12
20	11	10	5	8	5	6	3	4	14	20	24	29	29	****	36	36	31	23	29	24	14	23	34	24	19
21	23	16	15	15	16	14	7	2	5	19	22	22	22	20	22	6	19	23	23	23	24	24	24	23	18
22	24	24	25	25	25	25	26	26	26	25	24	25	24	24	23	23	25	26	21	11	9	8	3	0	21
23	2	8	12	15	18	16	11	10	20	24	25	27	26	26	26	22	24	22	19	19	16	18	13	14	18
24	10	6	10	14	12	11	5	5	4	10	15	18	15	9	6	5	3	4	1	3	0	0	0	8	7
25	20	25	22	20	18	19	20	17	17	19	17	17	18	17	16	16	15	17	19	18	16	16	16	17	18
26	21	23	23	22	22	22	18	14	15	19	21	12	18	****	****	20	15	17	17	13	16	12	8	4	17
27	5	10	9	6	1	1	1	2	12	25	29	31	33	34	36	29	28	24	23	20	6	14	11	4	16
28	5	4	1	0	3	4	1	2	3	****	16	18	24	25	21	21	21	18	19	19	19	19	18	14	13
29	8	2	5	8	17	21	22	23	24	22	22	21	22	23	20	20	21	22	22	14	19	21	16	14	18
30	10	10	15	9	2	3	16	24	26	27	32	33	34	35	33	34	30	27	30	30	30	30	30	30	24
31	28	27	29	29	29	26	23	20	18	2	23	****	17	17	17	14	15	17	19	17	18	18	14	17	20
MEAN	15	15	16	15	15	14	12	12	14	18	21	21	22	22	23	22	21	19	17	15	14	14	15	15	16.9

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	12	14	13	8	7	8	12	15	15	16	17	13	14	10	7	3	1	0	2	3	1	10
2	0	0	0	0	0	2	2	2	1	4	5	****	17	21	23	29	28	25	23	11	10	3	2	1	9
3	1	7	14	17	13	9	5	10	15	7	****	25	-	27	26	23	18	19	15	10	13	18	21	20	15
4	20	11	12	12	12	20	17	13	9	7	9	12	10	17	25	26	26	26	26	26	27	26	27	25	18
5	24	22	21	20	19	16	19	20	19	22	24	26	29	30	31	32	33	32	28	5	0	4	15	13	21
6	7	2	0	0	0	0	0	11	26	30	32	40	39	38	40	39	39	40	33	18	18	12	12	13	20
7	13	14	11	9	6	5	3	5	17	22	25	30	29	27	26	21	16	21	20	37	38	32	28	26	20
8	31	35	28	21	18	19	19	20	23	25	28	31	35	23	****	32	30	31	30	29	28	41	40	-	28
9	31	28	23	21	17	16	12	11	13	16	16	15	17	14	20	19	15	12	6	8	10	13	9	13	16
10	17	19	18	18	18	14	13	10	12	13	15	13	10	11	10	8	7	6	6	6	7	7	9	6	11
11	8	12	12	12	10	7	5	3	3	5	5	****	****	14	13	14	12	11	9	4	2	1	0	2	8
12	5	11	13	15	22	23	22	18	15	11	8	7	11	12	17	23	16	16	14	12	7	11	15	20	14
13	20	20	21	18	16	14	15	17	20	19	22	24	22	23	23	20	20	18	16	16	15	16	15	12	18
14	14	13	15	16	14	11	14	13	12	13	16	15	16	****	****	8	9	8	5	2	8	13	12	15	12
15	16	15	15	18	18	16	15	13	10	12	11	9	7	7	5	4	9	13	17	17	16	15	****	14	13
16	15	15	17	19	22	23	23	23	24	25	25	26	27	26	26	17	24	23	22	14	13	12	6	3	20
17	4	2	2	0	0	0	1	6	14	21	20	24	****	27	28	17	13	14	15	17	11	6	12	14	12
18	12	11	15	16	8	6	3	4	16	25	11	****	40	39	37	37	36	32	26	10	1	0	0	0	17
19	0	0	0	0	0	0	2	16	22	30	39	42	45	52	54	59	51	48	41	39	****	42	36	36	28
20	41	31	32	29	30	34	34	39	42	42	40	41	41	44	41	40	37	36	29	20	15	7	4	0	31
21	2	4	11	13	5	0	3	7	16	****	27	29	29	29	29	26	25	24	21	3	0	-	0	0	14
22	0	0	0	0	0	0	0	1	17	26	32	38	39	44	47	55	43	36	29	25	15	16	-	15	21
23	20	24	25	24	23	22	18	17	21	24	23	20	21	22	23	23	23	25	22	21	22	17	21	21	22
24	20	19	16	17	19	12	18	22	22	28	****	****	****	****	****	33	28	27	23	19	26	25	22	17	22
25	20	16	16	21	19	16	16	18	16	21	22	25	****	26	25	26	27	26	22	14	6	2	7	1	18
26	0	1	1	0	0	0	7	16	20	25	27	33	33	33	32	29	25	21	21	14	6	0	1	7	15
27	4	2	3	6	15	13	13	16	19	23	25	30	34	35	37	37	40	40	39	38	36	30	28	29	25
28	28	27	24	20	13	12	9	7	****	****	****	****	****	****	****	12	11	14	11	11	12	8	9	11	14
29	10	10	11	8	10	9	7	8	10	9	10	12	12	11	10	11	9	11	7	4	2	1	3	9	9
30	10	8	14	18	15	13	10	10	14	21	24	29	31	36	40	42	37	30	23	-	16	9	3	2	20
MEAN	14	13	13	13	13	12	11	13	16	19	21	24	25	26	27	26	24	23	20	16	13	13	13	12	17.3

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	4	1	1	1	2	5	8	16	24	30	25	****	-	21	****	15	13	9	8	8	9	10
2	7	7	8	11	7	5	2	3	5	15	24	27	****	33	35	28	23	19	20	22	19	1	0	0	14
3	0	0	0	0	0	0	4	15	27	29	32	33	34	34	33	29	29	28	24	13	4	****	****	****	18
4	1	1	9	5	1	1	10	24	28	30	32	33	34	33	39	37	34	34	30	15	2	10	22	28	21
5	34	30	25	22	20	3	4	15	29	33	39	38	42	48	45	35	43	40	35	22	31	33	27	22	30
6	19	20	20	19	18	13	9	8	10	20	24	24	27	27	27	25	27	21	17	18	17	15	14	12	19
7	14	22	19	24	25	22	16	14	13	14	13	12	****	****	18	13	12	14	11	12	11	9	6	5	15
8	6	11	11	11	11	9	10	13	16	16	18	17	17	16	15	17	17	18	14	11	11	13	8	11	13
9	9	9	6	2	1	4	8	14	12	****	18	17	18	19	17	19	19	18	13	14	8	9	1	0	11
10	0	0	0	0	0	0	2	12	19	27	27	30	36	38	34	31	41	45	46	46	46	44	41	33	25
11	31	42	43	44	49	42	30	27	33	33	34	37	36	36	36	35	35	35	30	24	12	9	11	11	31
12	4	11	19	14	8	2	8	10	17	25	31	39	43	20	***	34	29	23	24	13	3	1	0	****	****
13	24	18	20	15	19	23	23	23	23	22	26	29	29	34	36	26	26	22	24	31	26	23	29	19	25
14	28	25	21	33	33	24	17	15	18	19	20	20	23	24	25	29	26	24	22	15	11	9	11	-	21
15	10	7	13	8	1	1	2	4	11	15	25	29	29	32	30	31	31	33	30	15	4	1	0	0	15
16	2	0	0	0	0	0	4	17	29	33	34	29	35	37	41	43	41	28	20	10	4	2	7	10	18
17	12	20	23	24	18	23	23	21	26	33	45	51	54	58	61	52	52	55	56	55	52	48	46	47	40
18	46	46	46	45	42	35	30	26	25	28	30	26	36	43	-	46	39	37	35	30	33	35	36	36	36
19	35	34	36	35	34	32	31	29	37	41	43	45	45	48	46	45	45	45	45	31	14	9	7	8	34
20	2	12	15	8	4	3	8	12	17	****	****	46	52	55	56	54	54	51	42	29	17	18	21	20	27
21	22	21	24	20	14	6	2	4	11	19	26	37	43	50	54	51	52	53	47	29	12	0	0	0	25
22	0	0	1	1	0	1	2	13	30	41	51	62	66	64	68	74	74	63	47	24	15	14	23	21	31
23	7	1	0	0	0	1	2	24	44	69	58	62	68	58	****	66	63	48	35	12	0	0	0	0	27
24	9	28	25	20	21	18	13	12	32	41	47	63	63	69	70	72	68	59	48	32	29	17	21	21	37
25	23	24	29	29	26	25	25	26	28	31	34	33	33	35	35	37	40	36	42	28	24	23	25	29	30
26	28	28	26	25	24	13	15	19	10	****	34	32	37	****	33	26	28	25	21	14	10	12	10	10	22
27	17	****	13	11	10	10	12	19	21	19	21	24	28	28	25	26	30	30	30	19	4	6	7	2	18
28	1	0	1	1	1	1	3	10	20	31	37	45	57	****	76	69	45	33	47	46	39	21	19	24	27
29	25	19	22	21	7	8	24	17	34	37	****	****	47	46	55	****	62	67	63	41	15	11	14	20	31
30	24	24	28	33	25	13	17	22	37	44	50	56	44	55	59	56	59	55	43	24	18	22	18	25	35
31	26	26	30	32	24	29	35	34	36	33	39	29	32	31	30	28	26	24	22	19	14	12	12	12	26
MEAN	15	16	17	17	14	12	13	16	23	29	32	35	39	39	41	39	38	36	32	23	17	15	15	16	24.3

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	21	22	22	23	24	23	23	22	22	24	23	24	20	18	19	20	18	19	17	13	13	10	9	19
2	12	12	9	9	4	6	1	3	****	15	20	29	39	****	****	44	44	43	39	31	20	13	28	31	22
3	24	15	20	22	20	14	13	17	19	20	23	21	25	26	24	22	21	24	22	17	11	11	11	13	19
4	14	17	18	18	14	7	8	14	21	22	25	26	29	30	28	26	25	25	21	19	15	12	11	8	19
5	7	4	7	2	1	1	1	10	15	****	****	25	30	33	33	30	28	26	23	19	22	29	28	30	18
6	36	37	36	33	32	24	25	13	15	18	24	34	****	53	67	72	58	51	42	42	41	39	34	32	37
7	32	35	32	32	29	23	32	31	34	40	42	43	45	34	31	37	42	36	36	36	30	19	22	32	34
8	33	30	25	14	12	11	11	13	15	14	13	14	17	19	21	22	21	19	19	15	13	13	12	11	17
9	8	7	10	11	13	6	6	10	15	****	21	25	21	24	23	23	24	25	23	20	15	****	6	12	16
10	10	11	11	11	9	9	10	9	12	13	17	19	21	23	37	35	25	25	23	17	17	18	8	9	17
11	18	15	15	17	10	7	10	10	15	****	****	****	****	****	****	****	37	37	32	19	1	0	0	0	14
12	0	0	0	0	0	1	2	5	13	23	33	38	49	51	54	49	53	50	46	31	24	23	16	24	25
13	27	31	32	29	18	4	7	14	26	33	38	52	65	****	75	65	65	68	58	37	23	27	23	45	37
14	43	34	56	45	32	24	23	27	41	52	62	54	51	57	57	54	55	54	54	42	16	5	7	35	41
15	47	52	57	58	49	54	51	36	35	42	43	48	47	35	18	12	13	14	16	16	14	11	11	14	33
16	14	11	10	9	3	2	7	15	24	25	24	29	****	****	****	27	26	25	24	21	12	10	12	14	16
17	15	17	13	6	0	1	3	10	19	28	32	34	38	41	42	39	47	51	40	39	26	20	25	34	26
18	40	44	45	42	30	12	13	19	31	42	50	58	64	53	51	61	56	54	46	40	26	10	7	9	38
19	12	10	7	12	11	4	4	9	27	43	57	63	****	****	66	68	62	41	34	31	32	29	22	26	30
20	27	28	32	38	36	28	24	19	21	23	24	27	26	29	29	27	25	29	23	15	3	7	4	4	23
21	7	3	2	4	1	3	14	22	25	33	34	35	38	39	40	40	42	39	31	27	23	19	17	20	23
22	14	12	11	19	28	23	22	25	31	37	49	54	55	62	63	62	71	71	59	65	54	50	52	63	44
23	59	66	54	41	42	23	11	27	47	65	81	85	96	108	81	80	78	69	75	71	40	17	8	2	55
24	8	24	15	27	27	21	7	15	14	48	84	87	78	90	91	95	-	76	73	61	56	31	21	22	47
25	10	22	15	5	1	6	12	31	42	45	55	63	67	62	52	46	47	58	59	****	31	33	57	52	38
26	56	68	78	71	56	33	24	28	40	62	87	87	88	89	89	109	105	91	69	49	34	46	46	38	64
27	37	38	35	30	24	20	18	19	20	24	23	29	31	33	31	25	27	34	25	22	17	17	14	11	25
28	15	16	16	11	10	10	13	17	15	15	15	19	23	30	32	33	34	35	31	24	17	17	15	10	20
29	8	14	19	19	17	****	****	23	30	39	51	60	66	70	70	68	57	48	40	38	35	30	26	25	39
30	26	29	28	27	26	22	18	18	18	15	19	19	22	22	22	26	28	31	31	22	12	8	2	0	20
MEAN	22	24	24	23	19	15	14	18	24	32	38	41	44	45	46	45	43	42	38	31	23	20	19	21	29.4

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	2	1	9	14	24	32	39	41	47	48	49	50	57	57	57	46	36	45	30	41	30
2	47	48	44	46	51	40	24	16	****	****	26	28	30	34	30	32	37	35	32	28	18	14	7	5	31
3	7	11	15	13	8	2	5	16	25	32	43	50	49	41	41	40	40	48	44	35	22	0	24	44	27
4	38	27	21	18	9	1	4	24	53	83	92	****	85	76	72	78	73	87	74	72	49	42	39	62	51
5	92	92	84	72	59	46	45	47	46	39	27	36	53	55	55	63	65	59	45	37	36	27	25	27	51
6	24	23	20	23	25	20	22	23	24	25	26	28	30	32	31	31	31	31	26	19	7	1	0	0	22
7	0	0	0	0	0	0	0	4	8	22	27	27	29	25	23	36	51	51	48	50	46	53	49	58	25
8	52	50	43	37	25	16	23	36	40	38	47	46	45	39	37	****	****	31	31	20	14	5	1	6	31
9	7	8	12	10	9	4	10	12	8	9	20	32	22	13	19	20	22	22	12	9	2	1	0	0	12
10	0	0	0	0	0	0	1	8	22	53	70	78	84	84	75	70	65	71	66	58	43	39	43	42	41
11	51	62	65	51	40	22	9	19	37	52	61	63	52	****	53	49	42	39	35	25	16	15	7	6	38
12	6	5	3	3	10	13	17	23	24	26	26	27	27	34	37	33	32	34	30	24	15	9	5	1	20
13	0	0	1	1	0	3	13	21	25	31	34	38	43	46	49	48	49	44	35	25	13	5	2	4	22
14	4	9	5	1	2	1	4	14	****	****	47	46	55	54	56	62	66	57	45	48	51	41	55	73	36
15	81	72	70	52	36	29	26	26	34	30	46	63	78	77	33	17	44	53	45	37	9	19	30	39	44
16	36	36	28	23	14	12	12	23	26	13	11	13	30	43	53	55	56	60	49	48	45	36	35	40	33
17	57	59	53	45	39	25	23	26	35	41	41	41	40	39	37	39	40	43	39	37	25	22	14	20	37
18	16	14	13	13	11	2	3	11	41	****	35	44	48	51	53	47	49	40	32	27	24	27	28	29	29
19	28	36	37	46	44	38	26	28	37	48	59	69	87	87	87	67	93	95	79	74	63	49	48	43	57
20	35	32	34	24	14	31	34	40	42	59	65	66	67	64	64	80	87	93	96	89	89	89	63	70	59
21	66	58	53	49	39	33	22	25	40	48	61	64	54	60	62	59	55	52	51	48	40	37	40	45	48
22	45	30	43	40	36	27	24	15	18	27	25	30	36	41	37	38	32	24	16	15	11	12	16	20	27
23	15	17	17	16	15	17	16	14	18	20	21	22	22	19	17	21	24	21	18	14	7	5	3	3	16
24	1	3	3	2	0	1	2	9	12	25	30	32	33	34	35	35	38	27	24	17	13	18	15	10	17
25	8	18	23	22	16	8	9	17	26	32	44	50	28	****	56	57	56	61	51	36	35	37	50	50	34
26	52	51	45	39	24	17	33	38	40	43	44	44	48	42	49	55	47	29	36	30	22	29	20	16	37
27	18	23	22	26	25	24	19	20	21	32	49	57	60	57	66	71	68	76	68	58	50	62	44	47	44
28	47	47	46	45	41	35	26	15	****	10	12	5	8	24	-	-	33	30	31	25	-	-	-	32	28
29	40	48	52	50	51	44	34	32	26	27	34	40	45	48	55	54	47	42	32	55	46	48	42	36	43
30	32	22	23	25	27	14	10	24	29	30	31	29	28	29	28	29	27	26	22	12	0	0	0	0	21
31	0	0	6	0	0	0	9	13	19	21	14	25	30	38	43	44	54	61	56	47	37	36	31	29	26
MEAN	29	29	28	26	22	17	17	21	29	34	39	41	45	46	47	48	50	48	43	38	29	27	26	29	33.5

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	17	15	6	15	39	36	34	****	****	30	53	70	57	73	67	59	64	58	43	25	8	3	6	37
2	17	22	22	24	12	3	****	27	31	38	47	43	54	51	43	38	36	41	38	28	20	12	17	8	29
3	8	9	11	21	28	35	33	39	42	40	44	40	41	43	43	42	41	40	34	25	17	3	0	0	28
4	0	0	1	1	0	1	4	11	20	27	37	46	48	50	51	51	49	48	45	36	32	43	41	30	28
5	26	26	24	22	22	17	15	14	21	22	26	31	40	47	46	42	46	42	31	32	31	23	24	27	29
6	27	27	23	21	24	8	9	18	36	45	53	54	52	54	56	64	60	45	38	42	36	36	36	22	37
7	25	28	34	33	28	14	10	16	20	28	39	47	48	50	61	68	65	-	77	59	29	21	20	15	36
8	21	22	****	21	15	8	5	11	39	52	42	43	46	42	54	55	70	87	62	46	30	28	27	32	37
9	****	38	32	29	28	21	19	28	28	32	33	34	33	31	29	30	26	28	23	14	9	8	8	11	25
10	14	12	10	13	12	4	9	13	16	19	20	19	22	24	26	30	28	25	24	18	19	15	11	13	17
11	13	11	10	9	7	3	3	7	8	****	30	41	46	48	48	41	****	45	45	45	38	39	35	12	22
12	43	45	45	38	32	28	20	17	22	26	26	28	29	29	29	26	29	29	28	19	10	15	5	5	26
13	5	9	4	1	0	0	1	9	19	20	24	28	29	33	29	26	25	31	22	18	24	29	18	28	18
14	31	34	32	23	25	25	17	16	13	14	15	15	23	43	48	41	42	36	26	3	1	8	13	19	23
15	13	23	23	20	18	10	8	12	17	19	20	23	22	19	18	16	16	16	12	9	8	8	7	9	15
16	7	8	16	17	16	13	14	16	18	19	19	21	23	25	26	27	28	22	13	6	3	1	0	0	15
17	1	0	0	2	3	1	4	7	15	29	32	29	30	27	28	23	22	23	17	13	11	11	12	15	15
18	13	20	22	15	10	4	2	3	****	6	7	13	****	39	41	35	47	55	48	23	20	21	20	28	22
19	30	28	27	26	19	13	11	17	30	39	40	42	46	42	41	38	35	33	26	18	15	17	5	8	27
20	10	46	54	44	24	9	4	10	26	32	45	50	49	48	48	49	53	47	38	27	33	39	27	19	35
21	20	19	-	****	13	10	6	10	15	20	21	28	45	49	61	64	61	55	45	43	24	22	29	38	32
22	33	30	26	33	26	12	19	21	22	30	34	32	****	39	36	31	29	29	19	13	11	12	10	9	24
23	7	11	11	12	14	12	12	16	21	28	30	35	38	40	38	31	29	26	20	11	10	6	5	3	19
24	4	1	0	0	0	2	6	13	19	31	38	48	58	60	59	50	46	44	48	36	4	4	2	0	24
25	0	0	0	0	0	0	0	4	29	43	59	59	39	****	61	55	57	41	34	23	22	25	21	34	26
26	42	34	32	32	40	27	15	-	37	42	50	64	74	72	67	69	77	76	72	56	52	44	51	60	52
27	62	62	63	60	55	24	8	16	41	53	68	71	71	111	81	82	79	90	72	47	51	60	58	61	60
28	54	47	38	31	27	18	6	12	16	20	21	19	21	24	26	28	25	15	7	10	13	15	19	17	22
29	18	16	11	5	3	0	1	3	7	22	40	56	75	78	81	82	80	82	83	90	63	69	69	51	45
30	25	11	15	22	40	38	22	30	29	23	30	47	43	50	50	****	62	54	54	49	48	41	31	19	35
31	20	14	18	30	36	32	24	21	19	27	43	50	48	48	44	48	44	33	28	34	45	42	31	33	34
MEAN	21	22	21	20	19	14	11	16	23	29	34	39	44	46	47	45	45	43	38	30	24	23	21	21	29.1

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	39	32	26	33	32	26	20	26	23	25	27	37	44	50	52	51	43	****	****	13	7	3	9	30
2	20	15	14	17	9	3	0	1	2	9	16	12	11	****	35	37	37	36	26	5	1	0	1	4	14
3	3	2	2	7	3	0	0	2	28	18	****	****	60	64	71	53	34	32	26	9	2	0	0	0	19
4	1	12	9	6	6	0	0	1	15	36	52	64	72	71	61	59	56	66	38	-	21	24	25	27	31
5	25	25	24	27	21	4	5	19	27	27	34	32	32	29	11	58	31	27	9	****	****	****	****	15	24
6	7	0	3	7	8	1	0	8	22	36	37	37	37	31	27	23	20	17	10	0	0	0	0	0	14
7	0	0	0	0	0	0	0	0	11	22	27	29	30	30	40	39	36	35	17	3	1	0	0	0	13
8	0	0	0	0	0	0	0	0	****	****	22	46	61	62	63	51	42	41	29	17	17	14	13	2	22
9	17	30	9	7	6	0	0	5	18	19	25	33	32	34	22	5	5	****	10	5	1	3	0	1	12
10													- DATA INVALID -												
11													- DATA INVALID -												
12													- DATA INVALID -												
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19	****	****	****	****	****	****	****	****	****	****	23	27	31	33	35	34	28	35	19	11	13	32	27	35	******
20	32	29	27	24	9	4	8	20	27	33	31	30	33	39	45	51	41	31	29	5	5	2	14	19	25
21	27	37	39	33	31	32	28	22	18	21	31	41	43	48	51	56	61	54	48	32	38	42	31	28	37
22	25	23	21	22	18	5	1	2	2	****	18	19	16	13	21	36	44	44	31	21	12	14	17	26	20
23	24	19	16	16	14	6	2	3	11	12	12	14	19	22	18	17	15	14	7	6	8	8	6	10	12
24	9	9	8	10	7	4	3	4	9	11	16	23	29	29	27	25	31	27	6	2	3	8	6	5	13
25	5	8	5	3	2	2	2	2	2	3	13	29	25	29	26	21	17	15	21	20	11	6	13	18	12
26	25	24	21	20	21	20	18	18	18	****	17	17	20	20	19	17	16	13	9	4	6	10	7	6	16
27	3	9	12	12	0	-	0	3	10	15	17	15	14	12	17	17	18	12	8	1	0	0	1	0	9
28	0	0	0	0	0	0	0	2	16	20	23	25	28	29	30	31	30	24	4	0	0	0	0	3	11
29	8	9	8	7	3	0	0	3	6	****	26	29	33	35	36	38	38	28	10	22	19	17	26	14	18
30	24	17	8	9	3	0	0	0	6	17	26	31	38	35	33	-	36	34	21	20	28	37	32	30	21
MEAN	15	15	13	13	10	6	5	7	14	20	25	29	33	35	35	36	33	31	19	10	10	11	11	12	18.8

PERCENTAGE OF DATA VALID - 66.1 PERCENTAGE OF DATA INVALID - 33.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	9	10	18	11	9	2	4	13	25	26	36	35	38	40	41	41	33	31	26	25	28	38	29	25
2	25	26	32	34	26	21	9	7	12	11	20	22	24	25	23	-	20	9	0	0	0	0	0	0	15
3	0	****	0	4	6	2	1	2	****	****	22	17	14	10	10	13	15	12	3	3	3	7	6	4	7
4	6	9	12	17	17	16	15	13	11	8	13	13	13	13	11	12	11	9	7	10	11	9	6	4	11
5	4	4	6	17	17	14	7	10	10	13	13	12	10	10	10	9	11	11	7	4	3	4	3	5	9
6	6	6	6	1	1	1	1	1	7	15	19	14	16	15	18	13	17	-	9	16	12	13	17	15	10
7	9	4	1	1	0	0	0	0	2	13	22	21	20	21	21	19	21	10	0	0	0	1	1	4	8
8	11	22	24	17	15	11	8	9	20	-	-	31	36	37	38	43	37	21	1	12	12	14	19	19	21
9	15	13	12	11	8	6	4	9	18	23	26	26	27	28	27	26	26	12	4	2	1	0	0	0	14
10	0	1	0	0	0	0	0	4	10	14	22	25	25	29	29	25	22	12	3	0	0	1	2	2	9
11	5	13	9	9	9	7	6	4	3	2	4	5	7	9	8	7	6	7	5	4	4	7	13	14	7
12	15	15	18	18	17	15	14	13	10	12	15	12	16	16	17	18	20	18	17	14	8	3	11	17	15
13	8	3	19	21	21	20	17	24	21	21	23	23	23	22	21	19	19	18	18	8	3	3	6	9	16
14	10	8	3	3	1	1	0	0	1	2	5	6	8	10	19	7	8	12	12	13	11	11	13	15	7
15	17	17	16	9	3	6	6	4	5	5	8	10	10	11	11	11	9	8	5	2	2	1	1	1	7
16	6	5	5	3	1	0	0	0	1	1	2	2	1	1	1	3	6	1	0	0	0	0	0	3	2
17	0	1	1	1	1	3	8	11	11	****	25	26	20	14	18	14	16	15	11	18	20	20	17	20	13
18	15	13	14	13	10	8	12	9	12	14	16	17	19	20	19	16	16	12	9	15	6	3	4	6	12
19	10	15	18	15	15	13	11	11	13	14	14	9	10	13	15	11	18	15	3	2	6	8	12	18	12
20	20	18	16	16	14	10	6	3	11	****	10	9	16	16	14	13	7	3	3	4	6	4	6	8	10
21	5	4	10	17	18	13	5	3	6	7	10	17	20	20	19	16	14	8	2	2	8	14	9	3	10
22	11	17	17	17	14	6	2	2	7	11	14	21	22	****	39	13	12	6	2	3	1	1	0	1	10
23	2	3	1	1	1	0	0	1	6	12	14	16	20	20	19	18	16	12	10	6	8	9	9	4	9
24	5	4	4	4	3	3	1	2	7	14	14	19	20	23	22	19	17	10	7	12	14	17	16	13	11
25	13	15	15	15	17	16	12	9	2	3	2	2	2	4	7	7	10	9	9	11	10	10	13	14	9
26	13	12	12	14	15	15	15	16	18	18	18	19	18	18	18	16	17	18	19	20	18	18	20	18	17
27	17	17	21	24	23	20	17	13	9	14	15	12	13	10	10	9	5	4	4	5	4	2	0	0	11
28	0	0	0	0	0	0	0	1	11	20	21	24	24	24	25	23	18	16	8	5	5	7	9	11	11
29	13	13	18	19	19	17	7	4	4	18	18	15	18	16	16	13	10	5	4	6	10	6	0	0	11
30	0	2	3	7	5	4	1	0	3	12	16	17	20	19	0	19	12	9	13	15	16	14	12	9	10
31	9	10	11	11	9	9	5	3	4	8	11	14	16	16	18	21	17	12	12	14	13	11	10	9	11
MEAN	9	10	11	12	10	9	6	6	9	12	15	17	18	18	18	16	16	12	8	8	8	8	9	9	11.3

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	5	14	17	15	16	13	11	15	19	20	17	18	13	14	11	14	6	3	4	6	2	6	11
2	16	13	11	10	12	12	16	18	24	28	26	31	29	28	27	28	23	14	2	0	0	0	0	0	15
3	0	4	15	16	10	9	9	5	7	10	9	11	12	11	14	20	25	23	27	25	24	26	30	32	16
4	33	29	25	33	30	23	23	12	5	5	4	2	2	5	8	6	2	5	8	13	10	11	10	18	13
5	21	19	19	20	16	14	12	5	7	6	8	12	16	17	17	15	11	8	4	1	0	0	0	0	10
6	0	3	2	1	2	2	2	3	2	6	8	9	10	9	8	6	2	2	3	5	12	13	12	12	6
7	11	11	12	11	10	8	4	1	3	6	13	16	21	17	27	3	0	0	2	0	3	10	12	17	9
8	15	14	17	21	21	20	15	10	18	20	24	25	20	23	24	20	14	9	10	12	16	16	15	14	17
9	7	5	2	0	1	7	13	19	17	-	18	18	17	18	16	12	11	10	15	16	13	15	9	13	12
10	20	24	25	23	23	24	24	20	21	25	25	24	24	24	24	24	23	20	22	24	23	23	24	26	23
11	26	28	29	29	28	28	24	21	24	23	22	22	22	22	22	21	19	19	21	18	19	22	22	20	23
12	23	23	24	17	18	15	13	11	14	21	21	11	-	25	22	16	11	10	5	2	1	1	1	2	13
13	1	1	0	0	0	1	2	2	5	7	7	7	6	8	6	3	1	0	0	0	1	1	4	2	3
14	0	1	2	2	5	6	3	1	5	15	17	16	19	23	****	****	10	8	9	12	8	7	3	7	8
15	11	15	18	20	22	12	7	6	4	5	9	8	11	15	15	11	12	12	10	11	12	13	10	4	11
16	3	3	3	2	4	2	1	1	6	14	20	23	25	25	23	22	19	21	8	0	0	0	0	0	9
17	0	0	0	0	0	1	1	0	3	9	-	14	14	6	****	1	5	6	6	2	0	0	0	1	3
18	****	****	6	8	6	5	2	1	7	15	18	19	19	19	16	14	12	9	8	9	10	9	8	15	11
19	16	12	10	10	6	5	4	1	3	6	9	9	11	13	12	8	2	1	1	0	0	0	0	0	6
20	0	0	0	0	0	0	0	0	1	5	7	10	15	15	17	10	8	3	3	5	5	7	4	3	5
21	3	5	7	9	8	5	3	2	1	1	1	2	5	****	****	9	11	9	10	9	10	10	10	9	6
22	8	2	2	2	1	0	0	0	4	6	8	9	9	13	14	14	9	4	3	3	4	4	1	1	5
23	2	4	1	0	0	0	0	0	1	2	3	4	7	4	3	3	3	0	2	1	2	8	10	6	3
24	6	8	5	1	0	0	0	0	0	2	3	5	3	5	5	4	3	1	3	8	11	11	11	12	4
25	14	14	20	21	21	21	18	15	17	18	18	17	22	11	****	22	18	10	5	1	0	0	0	0	13
26	1	2	2	2	2	0	0	0	0	3	10	17	17	17	18	12	9	1	0	0	0	0	0	0	5
27	-	3	2	3	4	5	7	7	7	11	11	8	10	10	14	13	12	9	8	9	9	10	9	6	8
28	6	5	2	3	0	0	0	0	0	2	1	3	2	1	****	0	0	0	0	0	0	0	0	0	1
29	0	3	13	16	14	13	8	9	8	9	11	12	14	14	16	15	12	8	12	12	11	9	7	8	11
30	8	7	6	5	6	8	9	10	10	12	13	10	8	8	9	11	11	7	6	3	1	11	10	5	8
MEAN	9	9	10	10	10	9	8	6	8	11	13	13	14	15	16	12	10	8	7	7	7	8	7	8	9.7

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	2	1	0	0	0	1	3	10	****	8	6	5	2	0	0	0	1	1	1	0	3
2	0	0	0	1	1	3	8	11	13	17	17	17	15	11	2	3	8	16	19	22	23	25	26	27	12
3	29	30	29	29	28	27	25	23	24	28	29	28	28	27	25	24	18	15	17	18	18	20	15	13	24
4	15	14	12	15	13	11	8	6	8	12	15	12	****	18	17	17	10	9	7	12	15	-	15	10	12
5	1	0	0	1	6	9	12	9	11	13	9	****	****	14	10	7	3	6	9	11	13	13	12	8	8
6	7	9	11	17	18	17	10	7	9	8	8	8	8	6	6	4	2	2	2	1	1	1	1	1	7
7	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	1	1	3	2	1	1
8	0	0	0	0	1	3	3	4	6	10	11	10	9	4	2	1	1	2	5	7	13	11	12	15	5
9	18	20	21	21	20	18	15	2	3	8	16	18	19	19	15	13	1	1	2	4	-	-	1	2	12
10	13	15	21	20	20	20	17	13	9	10	13	****	12	13	11	9	****	****	20	21	22	23	23	24	17
11	25	19	19	21	20	17	8	5	3	12	17	20	19	17	15	12	7	4	4	4	-	-	-	2	13
12	1	0	1	0	1	2	0	0	1	1	2	2	3	3	3	1	****	0	0	0	1	5	6	6	2
13	3	4	5	3	8	16	19	19	18	17	20	24	24	25	23	19	15	15	10	5	6	8	7	7	13
14	11	13	12	11	13	19	20	21	21	23	27	27	25	25	23	23	20	17	11	4	2	1	1	1	15
15	1	2	4	3	4	3	0	0	0	0	1	5	8	****	****	7	2	0	****	1	1	0	0	0	2
16	0	0	0	0	0	2	9	8	7	13	16	19	20	32	****	18	15	14	14	14	16	15	14	13	11
17	12	17	18	16	16	14	6	2	2	5	10	14	18	17	14	10	10	10	14	12	****	15	14	10	12
18	6	4	5	5	5	3	5	16	10	18	23	22	20	18	17	15	13	9	7	12	19	-	-	-	12
19	11	18	23	25	26	26	23	21	20	19	21	9	-	-	20	16	11	8	8	7	7	6	6	8	15
20	8	9	13	13	11	13	11	7	7	12	17	19	21	22	20	19	14	9	7	8	6	7	7	4	12
21	4	4	8	9	11	10	8	7	12	15	20	22	20	21	20	20	16	11	7	3	2	2	0	1	11
22	0	0	0	0	0	0	0	0	1	1	3	4	7	24	13	10	4	2	1	0	0	0	0	0	3
23	0	0	0	0	0	0	0	0	1	38	5	5	8	7	3	2	0	0	****	0	0	0	0	0	3
24	0	0	0	0	0	0	0	1	15	17	22	24	25	25	25	23	25	24	21	21	21	19	20	17	14
25	18	18	18	20	15	15	7	14	12	15	19	23	27	28	26	20	17	13	11	8	7	9	13	12	16
26	11	13	13	18	22	23	20	14	12	15	17	17	17	17	17	11	8	2	3	2	1	0	0	0	11
27	0	0	0	0	0	0	0	0	0	2	5	11	14	19	19	14	6	1	0	0	0	0	0	0	4
28	0	0	0	0	0	0	0	0	0	1	4	7	9	9	7	8	4	1	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	2	****	5	4	5	4	4	3	2	10	12	12	12	8	10	4
30	12	15	17	18	19	20	20	14	11	17	22	23	24	24	24	23	15	7	3	2	7	1	3	8	15
31	5	4	3	7	8	10	7	10	11	16	20	23	23	24	25	22	21	20	20	17	18	19	20	-	15
MEAN	7	7	8	9	9	10	8	8	8	12	14	15	16	17	14	12	9	7	8	7	8	8	8	7	9.8

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8.5	15	27
FEB	29	13.4	21	44
MAR	31	16.9	24	55
APR	30	17.3	31	59
MAY	31	24.3	40	76
JUN	30	29.4	64	109
JUL	31	33.5	50	96
AUG	31	29.1	60	111
SEP	20	18.8	37	72
OCT	31	11.3	25	43
NOV	30	9.7	23	33
DEC	31	9.8	24	38
YEAR	356	18.5	64	111

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	445	270	0	0	0	0	0	0	715
FEB	254	427	1	0	0	0	0	0	682
MAR	163	544	19	1	0	0	0	0	727
APR	195	408	82	5	0	0	0	0	690
MAY	158	335	173	55	0	0	0	0	721
JUN	97	332	154	94	15	3	0	0	695
JUL	115	229	242	121	21	0	0	0	728
AUG	123	311	201	83	9	1	0	0	728
SEP	181	187	84	24	0	0	0	0	476
OCT	355	361	18	0	0	0	0	0	734
NOV	419	284	4	0	0	0	0	0	707
DEC	399	316	2	0	0	0	0	0	717
YEAR	2904	4004	980	383	45	4	0	0	8320

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.7	0	0.9	8.4	14.8	22.1	39.4	50.5	63.3	71.9	111	18.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	13	12	13	14	16	15	15	15	15	16	15	9	9	10	11	12	12	9	10	14	19	19	13
2	21	25	24	25	23	22	21	18	16	21	20	****	22	22	23	23	19	21	23	24	25	25	25	23	22
3	23	22	21	21	21	21	19	18	16	18	19	21	21	21	21	21	17	22	18	18	18	15	11	12	19
4	6	6	7	11	9	8	7	0	7	12	16	16	16	17	16	16	16	17	17	16	15	14	18	16	12
5	14	18	18	18	20	21	21	19	20	23	26	27	28	27	27	27	26	25	22	12	14	22	26	20	22
6	16	16	12	10	11	19	17	17	17	13	16	16	19	20	20	20	18	15	15	18	18	20	18	11	16
7	7	9	12	13	14	14	14	15	15	15	16	16	18	18	18	18	19	21	21	21	22	22	22	22	17
8	22	22	22	23	24	23	23	24	25	25	25	21	21	20	22	24	23	25	26	24	24	24	24	24	23
9	23	23	22	22	22	22	22	22	22	23	22	21	23	23	23	22	20	25	24	24	25	25	25	25	23
10	27	26	25	23	22	18	16	17	20	20	21	20	19	20	19	19	16	11	10	10	5	4	5	4	17
11	4	4	7	10	13	16	18	19	18	19	21	21	18	18	18	14	14	17	18	17	16	16	19	20	16
12	21	21	21	21	21	21	22	23	25	24	24	24	26	26	26	26	26	26	28	27	26	25	21	22	24
13	21	18	16	13	12	11	11	9	9	10	11	13	13	12	10	9	9	6	4	3	4	6	7	7	10
14	7	6	4	1	3	6	5	5	3	3	3	5	7	7	7	5	5	3	0	0	2	4	4	3	4
15	2	2	2	4	3	3	5	4	8	15	15	18	19	22	23	17	4	5	2	7	5	6	5	2	8
16	8	15	15	16	15	15	15	13	12	13	15	14	17	18	18	18	17	16	15	14	13	12	10	9	14
17	8	7	6	5	5	5	3	4	4	5	6	6	6	6	7	8	5	6	2	0	0	0	0	0	4
18	0	0	0	2	5	6	8	10	12	12	13	15	15	17	16	18	16	18	19	18	19	20	23	22	13
19	23	23	22	22	24	24	24	21	23	24	25	26	25	23	22	21	21	24	24	24	24	24	25	24	23
20	25	25	25	26	27	27	27	26	25	26	26	25	26	27	26	25	25	27	27	25	25	26	26	26	26
21	27	27	27	27	27	27	27	21	25	26	26	27	26	26	27	25	19	23	17	16	19	17	18	17	24
22	19	19	19	19	23	22	17	10	8	9	9	12	15	14	14	16	14	16	17	18	17	21	21	21	16
23	24	23	25	25	26	26	26	23	26	26	27	27	25	****	27	27	26	26	27	27	27	27	28	26	26
24	27	28	27	28	27	27	25	23	24	25	25	24	26	27	27	24	17	23	24	22	22	24	25	20	25
25	18	18	18	18	17	17	16	15	15	15	15	17	22	22	23	22	21	21	26	26	26	25	25	27	20
26	29	28	28	27	26	25	24	23	25	25	24	25	25	24	24	22	22	23	25	25	25	25	26	26	25
27	27	27	27	26	26	25	25	22	25	26	26	23	24	24	24	23	23	23	27	26	25	25	26	25	25
28	25	24	25	26	26	26	26	23	25	26	25	25	27	26	26	23	20	24	24	25	26	26	26	24	25
29	23	25	24	24	23	23	22	21	19	21	20	23	24	24	25	26	23	26	27	27	28	28	27	27	24
30	26	26	28	28	28	28	28	26	26	26	26	24	25	25	26	24	20	29	25	25	26	26	26	23	26
31	24	24	25	26	27	27	27	24	25	27	27	27	27	27	27	27	24	27	28	29	29	28	30	28	27
MEAN	18	18	18	18	19	19	19	17	18	19	20	20	21	20	21	20	18	20	19	19	19	19	20	19	19.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	29	29	29	28	29	29	28	26	28	28	28	26	26	26	27	27	30	30	28	27	25	27	24	28
2	28	29	29	29	28	26	26	25	23	27	26	28	27	29	30	28	29	29	29	30	30	30	28	28	28
3	31	30	30	30	30	29	30	28	29	28	29	29	27	28	28	26	28	28	28	27	26	26	26	27	28
4	30	29	29	27	26	26	25	20	24	25	26	27	****	****	****	24	23	28	28	27	28	30	25	24	26
5	24	23	24	24	24	24	21	10	10	20	23	24	25	27	27	26	17	13	14	15	14	23	25	21	21
6	21	15	27	25	24	25	21	12	17	26	25	23	21	24	29	28	23	28	27	24	21	19	20	20	23
7	19	15	18	19	19	16	13	6	5	18	21	24	25	25	27	24	18	26	27	27	24	19	15	12	19
8	12	9	12	15	23	27	18	8	12	25	26	26	26	26	25	27	25	28	18	20	32	29	27	26	22
9	27	27	27	25	29	28	25	14	11	24	26	28	28	29	30	29	29	29	27	22	17	20	22	19	25
10	18	22	25	26	25	25	25	20	27	27	27	29	31	31	33	34	34	36	38	38	33	29	26	26	29
11	26	32	32	30	30	31	31	28	29	30	30	30	31	29	27	22	22	29	29	30	30	30	32	34	29
12	28	22	34	36	35	33	28	22	26	29	26	29	29	28	30	27	24	32	32	32	28	30	31	28	29
13	31	32	32	31	30	28	25	20	22	21	23	22	****	****	23	20	17	14	11	17	15	17	22	23	23
14	23	22	21	24	30	33	31	22	29	31	30	30	28	28	27	23	19	28	29	29	29	25	26	21	27
15	28	29	29	29	29	29	30	29	28	28	30	32	32	31	30	27	25	30	28	26	27	27	27	26	29
16	28	30	30	31	30	30	28	14	19	26	26	26	27	27	27	27	28	27	28	26	28	29	28	27	27
17	26	28	29	28	28	26	26	24	27	29	28	29	30	31	31	31	32	32	32	31	30	31	29	27	29
18	27	28	29	30	31	31	31	28	27	28	30	30	27	26	27	32	31	29	27	29	30	29	24	16	28
19	14	13	9	8	7	7	9	10	14	16	16	16	18	20	21	22	20	22	26	22	19	18	22	17	16
20	25	25	23	25	19	15	16	13	18	24	23	21	18	18	17	14	7	11	9	8	7	7	4	8	16
21	11	14	22	23	23	23	22	17	16	21	26	28	26	26	26	26	23	26	27	28	28	28	27	24	23
22	19	19	22	25	25	23	23	21	21	19	18	17	17	17	15	14	12	18	18	21	23	24	25	21	20
23	24	25	25	25	23	21	16	11	21	24	25	26	28	29	29	29	30	29	29	28	27	26	22	15	24
24	9	9	11	17	22	22	21	25	25	28	27	29	30	32	34	33	34	34	35	34	34	35	35	29	27
25	33	34	32	33	32	31	31	25	27	28	28	28	****	****	14	25	24	27	28	28	28	28	27	28	28
26	29	28	28	29	29	29	27	24	26	28	-	-	****	****	****	****	****	****	****	****	****	****	****	****	******
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
MEAN	24	24	25	26	26	26	24	19	22	25	26	26	26	27	26	26	24	26	26	26	25	25	25	22	24.9

PERCENTAGE OF DATA VALID - 86.6 PERCENTAGE OF DATA INVALID - 13.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	28	-	29	-	32	32	32	-	30	29	-	-	32	32	31	-	34	30	20	-	27	20	19	29
2	16	27	28	31	30	31	31	31	30	31	33	32	34	34	34	35	34	36	34	33	34	35	33	31	32
3	30	29	28	25	26	25	24	22	22	23	26	31	35	36	41	38	34	24	22	26	31	27	17	16	27
4	20	27	27	25	23	22	20	18	20	24	26	28	28	31	37	39	35	41	42	41	41	39	34	28	30
5	19	18	21	21	22	21	20	20	19	21	31	31	28	30	32	30	28	35	36	33	35	38	38	39	28
6	36	37	38	37	36	37	36	32	34	34	35	36	36	37	33	40	34	30	28	28	26	33	32	31	34
7	29	31	31	29	21	22	23	21	26	28	30	34	34	42	36	42	38	45	36	30	31	29	29	31	31
8	39	35	35	33	33	35	37	32	26	29	35	39	42	43	44	44	44	43	43	44	38	35	29	17	36
9	9	24	30	32	38	35	35	35	35	36	36	40	47	55	66	65	64	59	58	58	49	49	46	41	43
10	31	28	29	28	31	31	31	28	25	27	31	39	-	****	37	35	27	30	34	34	34	33	33	33	31
11	34	33	32	32	32	32	32	29	29	30	29	29	29	29	29	29	27	29	30	29	29	29	29	29	30
12	29	29	30	29	28	27	22	20	27	29	29	30	30	31	31	29	26	30	28	28	30	30	30	30	29
13	27	28	29	28	25	18	24	26	25	27	27	27	27	29	28	26	18	21	25	24	21	21	20	18	25
14	16	16	14	13	14	14	16	19	23	25	28	30	30	34	31	28	27	30	30	30	30	30	31	29	25
15	29	30	29	29	28	29	29	27	27	28	28	27	27	27	29	30	31	33	31	24	20	29	29	26	28
16	27	29	30	27	24	22	24	24	26	28	30	33	34	37	39	39	40	40	38	35	33	32	33	33	32
17	33	34	33	31	29	28	27	27	27	27	26	26	26	24	23	24	21	23	26	27	28	28	30	30	27
18	30	30	31	32	32	32	31	27	31	31	31	32	32	32	35	38	39	40	40	39	36	31	25	23	33
19	19	24	29	25	23	19	14	15	20	25	27	28	30	34	31	29	30	32	32	31	28	24	20	19	25
20	20	20	18	18	16	16	16	18	21	22	25	27	31	34	38	40	44	45	45	43	43	43	42	41	30
21	37	29	35	34	35	35	33	22	24	27	26	26	23	23	23	25	27	27	28	28	29	29	29	29	28
22	29	29	30	29	28	29	30	30	30	30	30	30	30	30	30	29	32	32	32	24	17	17	13	11	27
23	9	14	17	22	24	27	24	24	29	30	30	30	31	32	32	32	32	31	30	29	27	28	30	24	27
24	21	21	20	18	15	11	8	6	7	11	14	17	****	18	15	10	11	16	25	23	26	26	22	21	17
25	23	23	23	23	23	23	22	19	22	23	23	23	24	24	27	25	25	32	34	33	35	35	34	31	26
26	33	30	29	26	20	15	14	14	21	22	24	26	25	25	25	22	18	25	23	19	22	21	17	15	22
27	15	7	14	12	11	12	12	9	17	27	29	32	32	37	40	36	22	31	30	24	29	32	19	14	23
28	13	13	23	20	15	15	13	10	13	22	30	31	35	40	36	40	38	41	43	38	35	32	35	34	28
29	35	35	33	33	32	31	31	31	32	33	34	35	36	37	38	36	36	36	37	35	34	32	28	20	33
30	27	28	27	26	26	24	24	24	26	27	29	30	29	31	35	35	35	37	36	29	30	28	28	28	29
31	28	31	31	32	32	32	31	28	31	32	31	31	31	31	30	30	26	30	34	31	29	28	29	24	30
MEAN	25	26	27	27	26	25	25	23	25	27	29	30	31	33	33	33	31	33	34	31	31	31	29	26	28.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	18	23	20	20	19	18	18	24	30	31	37	36	38	40	30	30	39	38	18	31	24	21	24	27
2	11	11	15	15	12	10	8	8	10	12	13	****	25	25	27	25	24	32	32	24	6	15	17	17	17
3	16	14	16	7	9	16	19	16	21	29	30	32	34	33	35	30	20	28	25	27	29	30	31	30	24
4	30	30	30	30	28	26	26	23	22	23	27	28	28	30	30	29	31	34	34	33	33	33	33	33	29
5	33	29	30	31	31	31	30	29	30	31	33	34	34	37	39	40	40	43	42	33	30	35	35	30	34
6	34	34	34	28	18	19	19	26	27	30	33	34	35	38	38	44	49	51	48	41	35	34	35	31	34
7	28	25	27	27	25	21	22	24	24	26	30	35	40	41	46	43	42	40	38	38	38	38	41	37	33
8	34	35	34	32	31	28	24	24	24	27	28	30	31	37	40	42	30	31	36	34	31	35	46	49	33
9	44	42	37	32	30	27	24	24	23	24	25	24	23	24	24	25	26	27	28	28	27	22	20	23	27
10	23	23	24	22	22	23	23	18	18	21	21	21	21	20	20	17	14	19	20	20	20	20	20	20	20
11	21	23	22	22	22	22	17	14	17	19	22	22	24	25	23	24	21	21	21	19	17	17	16	13	20
12	11	11	13	15	17	17	17	15	20	23	26	27	23	22	20	20	23	25	25	25	24	25	27	26	21
13	28	28	28	27	27	27	27	27	26	25	25	25	24	24	26	24	25	24	24	22	22	24	22	15	25
14	15	19	20	20	20	20	19	15	16	19	20	24	****	****	26	22	19	23	22	22	22	17	15	12	19
15	22	22	18	17	16	16	16	17	17	18	18	17	17	18	19	22	15	17	20	20	20	20	20	22	19
16	27	29	32	32	34	35	35	32	34	34	34	34	34	34	34	33	27	35	34	29	10	12	15	14	29
17	19	22	27	26	26	26	28	29	26	29	31	31	31	30	33	33	31	36	32	30	37	39	39	37	30
18	37	35	32	31	30	21	14	19	22	26	29	34	38	37	30	38	34	40	43	24	8	6	10	8	27
19	5	12	15	17	24	27	30	32	34	40	48	52	58	66	66	66	65	68	69	68	62	53	54	47	45
20	47	47	48	40	45	53	50	45	41	43	44	42	42	38	32	30	31	32	32	23	14	8	8	5	35
21	5	5	7	12	14	13	10	18	23	25	26	32	32	36	39	39	35	40	35	13	7	5	10	8	20
22	8	10	21	22	23	22	16	12	17	25	35	****	****	43	47	50	55	50	44	39	38	29	24	29	30
23	28	28	29	28	25	24	20	17	22	23	24	25	25	28	31	31	29	32	35	35	36	36	34	31	28
24	31	32	32	32	31	31	28	25	28	30	31	31	33	33	32	29	27	31	31	31	31	31	31	33	31
25	32	32	30	30	29	28	26	18	19	19	19	20	21	22	22	24	25	25	24	22	18	14	20	16	23
26	14	17	18	13	17	19	22	21	19	17	16	16	16	16	16	13	17	19	19	14	10	15	15	11	16
27	9	9	9	9	9	9	8	10	14	20	21	20	24	26	26	28	28	26	22	22	18	18	14	14	17
28	14	22	29	30	29	25	21	18	21	26	26	27	22	17	17	16	23	24	24	19	19	19	21	23	22
29	23	23	22	22	18	17	12	16	18	17	17	21	22	22	22	16	22	22	20	20	20	20	12	5	19
30	7	10	7	11	9	9	5	11	20	25	27	29	29	27	18	16	24	26	23	25	22	15	16	17	18
MEAN	23	23	24	23	23	23	21	21	23	25	27	29	29	31	31	30	29	32	31	27	25	24	24	23	25.8

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	13	19	19	16	11	8	14	19	21	19	22	22	22	20	15	25	21	20	18	17	20	17	14	18
2	18	21	20	16	18	16	13	17	17	19	22	25	28	23	31	28	36	31	28	20	8	21	11	20	21
3	16	13	16	15	20	12	15	27	32	34	35	35	35	34	34	38	39	39	39	36	22	12	5	6	25
4	6	4	5	7	7	7	7	28	27	28	34	39	41	44	42	42	45	42	35	32	33	39	43	40	28
5	35	27	22	25	27	29	34	38	41	41	44	45	****	****	55	41	50	54	53	35	28	28	24	24	36
6	21*	22	22	22	24	24	15	19	20	20	19	22	24	25	27	28	32	31	29	28	34	35	34	34	25
7	39	33	27	25	27	24	24	22	24	25	19	19	19	21	21	21	19	22	21	21	24	22	22	23	24
8													- DATA INVALID -												
9													- DATA INVALID -												
10													- DATA INVALID -												
11													- DATA INVALID -												
12													- DATA INVALID -												
13													- DATA INVALID -												
14													- DATA INVALID -												
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	23	****	****	****	****	****	****	****	****	******
16	****	****	****	****	****	****	****	****	****	****	****	****	31	27	35	34	38	38	34	28	12	11	27	26	******
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27													- DATA INVALID -												
28	****	****	****	****	****	****	****	****	****	****	****	****	36	33	28	26	29	32	29	27	28	26	26	28	******
29	26	27	24	18	14	14	15	24	32	38	35	43	50	49	47	44	46	47	47	44	44	40	30	32	35
30	37	70	55	48	45	41	38	38	39	42	42	46	49	46	53	****	****	****	****	****	****	****	****	****	******
31	****	****	****	43	47	44	39	38	41	43	43	42	39	36	35	24	23	21	19	18	18	19	20	25	32
MEAN	23	26	23	24	25	22	21	27	29	31	31	34	34	33	35	30	35	34	32	28	24	25	24	25	28.3

PERCENTAGE OF DATA VALID - 33.9 PERCENTAGE OF DATA INVALID - 66.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	30	32	26	27	27	27	29	30	30	28	27	30	28	26	22	17	15	20	22	19	21	15	25
2	15	23	24	23	19	15	7	10	14	11	13	16	****	****	****	****	****	****	****	****	****	****	****	****	******
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26	****	****	****	****	****	****	****	****	****	****	****	****	****	49	51	57	51	59	61	45	40	37	27	22	******
27	19	19	20	17	18	21	22	18	16	17	17	16	18	18	20	21	20	21	21	19	17	14	14	12	18
28	17	18	18	18	18	18	15	15	15	15	15	17	21	23	27	31	33	37	37	30	27	24	22	17	22
29	17	20	21	20	20	20	21	27	36	38	44	42	46	44	36	43	47	50	41	37	33	28	25	24	33
30	24	23	21	21	20	18	15	10	12	13	16	16	17	17	18	19	20	21	22	21	11	6	5	0	16
MEAN	20	22	22	22	20	20	18	18	20	21	23	23	26	30	30	33	32	34	33	29	25	21	19	15	23.9

PERCENTAGE OF DATA VALID - 19.9 PERCENTAGE OF DATA INVALID - 80.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	9	14	16	19	20	18	18	24	26	31	38	55	44	45	47	47	48	42	47	50	52	52	47	34
2	41	36	27	21	19	17	13	12	14	15	15	18	24	24	19	13	13	14	14	10	4	2	1	0	16
3	0	2	2	3	5	6	4	9	13	14	18	20	22	22	23	24	47	51	49	45	41	33	22	24	21
4	29	40	39	19	10	8	15	28	33	47	59	61	53	53	71	66	62	69	66	61	22	21	21	20	41
5	32	36	48	53	51	49	42	47	54	56	57	55	52	52	49	41	31	27	28	29	31	27	29	29	42
6	29	26	25	16	11	13	18	20	22	20	19	19	19	19	19	20	22	21	21	18	8	4	3	11	18
7	11	12	14	14	15	15	13	15	29	35	36	25	36	36	35	35	37	35	35	38	45	49	50	50	30
8	47	44	44	35	34	37	34	34	34	32	30	28	26	26	25	22	22	27	30	33	34	35	27	16	32
9	10	10	10	8	10	8	4	8	15	15	22	27	****	****	29	27	27	30	30	30	15	8	7	2	16
10	3	5	8	12	16	15	15	21	38	49	52	56	69	69	76	60	56	49	44	45	69	83	80	76	44
11	62	47	41	41	45	41	29	35	44	44	38	38	38	37	30	27	28	30	31	33	29	25	19	16	35
12	13	6	6	4	3	4	5	17	22	22	20	14	15	16	18	20	23	23	22	19	14	7	3	1	13
13	1	4	6	5	5	6	6	13	19	24	24	25	29	28	30	25	27	27	24	19	11	5	2	10	16
14	17	25	23	24	25	25	22	27	35	49	53	59	****	65	73	69	69	55	64	62	58	53	49	42	46
15	36	34	36	38	39	35	31	28	31	35	40	47	60	66	68	43	39	40	42	43	41	35	20	22	40
16	20	22	12	7	8	8	4	5	7	9	11	12	15	20	21	19	23	25	46	46	40	36	32	28	20
17	30	32	34	32	31	31	29	26	25	26	26	25	26	22	22	16	11	17	19	19	9	4	2	0	21
18	0	0	1	1	3	3	3	11	16	17	18	22	26	22	23	17	21	21	21	28	34	33	31	31	17
19	33	38	39	34	32	33	34	30	36	41	49	53	60	56	50	39	32	31	30	19	13	13	12	13	34
20	16	18	26	27	20	24	23	22	23	38	41	43	39	39	44	46	46	41	38	34	44	51	53	61	36
21	57	54	55	49	49	42	29	30	26	34	36	37	****	****	32	29	21	19	23	29	12	11	11	11	32
22	9	11	13	12	14	12	10	8	10	11	12	14	15	16	12	7	11	15	16	9	8	6	2	0	11
23	0	0	0	0	2	6	9	6	8	5	10	16	15	14	14	13	14	17	16	10	3	1	1	1	8
24	1	1	1	2	5	1	5	13	20	22	24	28	28	28	29	28	34	39	48	49	34	45	50	60	25
25	40	26	20	18	16	18	19	26	34	39	47	55	60	53	64	58	59	56	52	51	32	36	34	26	39
26	29	28	24	25	45	42	36	38	41	39	36	27	26	24	21	23	24	19	20	16	14	12	12	14	26
27	15	9	26	29	22	22	22	22	27	35	37	38	39	38	37	40	39	33	29	42	42	44	44	28	32
28	22	14	20	27	31	32	22	23	31	31	31	30	31	31	23	21	29	35	39	41	40	37	41	44	30
29	45	44	40	51	53	40	27	28	37	43	44	44	43	44	42	38	38	42	38	20	9	5	3	4	34
30	2	13	20	25	24	16	12	11	16	22	24	28	29	29	29	24	25	29	27	25	16	14	17	18	21
31	18	21	23	21	23	27	34	38	****	42	40	36	36	35	37	39	47	49	46	44	45	37	34	32	35
MEAN	22	22	22	22	22	21	19	22	26	30	32	33	35	35	36	32	33	34	34	33	28	27	25	24	27.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	30	28	25	32	38	31	33	35	37	39	41	45	46	48	50	62	61	59	57	55	58	50	24	42
2	19	18	20	22	27	29	29	31	34	34	34	36	43	81	72	65	61	63	52	20	17	12	15	3	35
3	13	8	7	8	10	14	21	21	17	17	18	19	21	22	21	22	24	25	16	9	6	3	3	6	15
4	6	8	9	10	9	9	7	7	13	25	30	32	38	44	48	55	59	52	42	38	38	39	42	42	29
5	33	26	24	26	26	27	26	28	32	35	37	40	47	61	65	74	70	71	66	58	61	57	46	36	45
6	30	31	31	32	33	32	40	43	48	49	50	52	53	56	55	41	44	47	50	25	28	45	52	47	42
7	37	29	23	22	14	17	18	20	27	37	40	47	63	58	59	48	52	57	58	50	31	29	35	41	38
8	41	45	45	44	40	34	32	32	31	30	28	32	37	39	42	43	52	57	56	48	35	35	28	26	39
9	28	28	28	27	26	20	19	20	20	21	19	19	19	20	18	18	16	18	18	13	7	7	6	3	18
10	3	4	5	6	7	8	8	12	14	16	20	20	20	21	21	21	22	24	23	13	9	13	15	10	14
11	9	10	13	13	9	4	3	9	15	21	28	34	35	35	38	36	31	24	23	23	29	30	25	9	21
12	23	30	28	26	27	28	22	21	25	27	28	29	26	25	22	18	24	23	22	19	17	15	12	17	23
13	16	8	4	3	3	2	1	10	17	20	19	21	****	****	22	22	21	19	17	10	16	20	21	23	14
14	30	32	32	29	31	32	31	26	23	29	30	36	40	44	40	32	39	40	39	40	39	32	27	26	33
15	22	22	23	17	17	17	14	13	14	14	14	14	15	16	16	13	15	19	20	19	19	19	18	20	17
16	24	24	23	22	22	21	19	19	19	20	19	18	16	16	16	16	17	19	18	15	9	9	10	6	17
17	5	6	7	9	9	11	11	12	13	17	21	25	29	31	30	32	31	31	27	26	26	25	24	25	20
18	23	21	19	15	13	15	16	15	14	12	11	14	25	38	47	49	47	49	46	21	9	14	23	30	25
19	32	38	34	15	13	8	1	4	24	30	35	37	42	43	44	42	40	32	14	6	8	9	12	7	24
20	9	21	24	22	18	19	27	31	32	36	40	41	48	49	49	49	45	49	47	27	25	51	48	31	35
21	25	24	22	26	34	36	31	28	31	37	41	47	58	58	60	58	57	54	43	44	39	40	40	38	40
22	37	37	36	23	26	27	28	32	36	35	28	26	25	23	20	19	23	21	23	24	25	24	25	27	27
23	22	21	22	19	12	12	11	14	20	21	21	22	23	23	24	24	26	26	28	11	8	8	6	5	18
24	8	5	5	6	8	8	10	10	13	21	22	24	27	27	28	27	25	26	23	14	5	8	13	11	16
25	19	19	21	25	30	32	29	28	34	37	41	50	58	63	64	57	51	53	44	39	40	43	63	73	42
26	71	57	50	43	38	34	28	31	38	47	54	57	64	68	72	71	59	65	69	72	73	75	87	68	59
27	66	57	55	57	58	48	47	51	56	55	52	59	71	74	76	****	****	****	****	****	****	****	****	****	******
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	25	24	24	22	22	22	21	22	26	29	30	33	38	42	42	39	39	39	36	29	26	28	29	26	29.5

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 14.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10	****	****	****	****	****	****	****	****	****	****	****	****	21	31	27	22	25	29	32	34	34	30	36	36	******
11	24	38	36	37	38	38	29	29	29	33	36	36	42	41	35	****	34	38	24	10	7	10	9	11	29
12	16	6	7	15	15	18	12	9	12	10	10	9	13	11	10	10	14	11	7	5	6	10	9	5	10
13	6	10	12	14	15	16	16	15	16	17	19	22	24	27	34	38	40	39	38	34	40	41	42	47	26
14	45	36	29	31	29	27	21	19	21	21	18	18	18	17	15	13	22	16	17	12	16	17	16	14	21
15	17	18	16	16	15	12	8	8	14	13	15	17	15	16	15	15	15	17	12	3	4	5	4	7	12
16	14	15	20	21	20	21	19	18	19	23	28	34	35	39	39	38	37	34	34	32	34	33	22	21	27
17	16	22	22	21	22	20	19	20	27	25	30	27	27	27	20	18	19	22	17	7	4	7	7	10	19
18	14	14	12	14	14	15	11	17	20	23	28	29	29	30	29	25	27	37	37	37	35	34	35	35	25
19	32	27	26	30	29	24	16	15	25	22	24	19	20	20	23	20	24	24	14	8	15	29	36	49	24
20	52	52	51	47	42	38	30	38	36	38	38	42	48	51	46	41	40	29	29	21	22	15	16	15	37
21	19	19	16	20	21	28	36	38	37	36	43	44	47	61	63	55	58	53	40	35	35	26	20	17	36
22	20	22	23	22	22	16	15	13	19	23	25	28	28	22	19	13	17	27	29	27	27	29	25	19	22
23	12	16	17	16	16	13	7	11	15	12	12	13	15	18	16	13	14	16	12	4	2	4	2	4	12
24	5	7	7	5	3	4	1	4	11	13	16	****	23	25	23	22	12	0	5	11	19	19	17	17	12
25	16	16	16	14	12	11	13	18	20	24	19	7	18	18	16	15	29	30	30	36	41	36	36	30	22
26	26	23	18	14	17	16	13	15	16	20	20	19	18	20	20	20	25	24	24	25	24	24	24	24	20
27	25	25	24	23	23	23	19	17	20	23	24	24	25	21	23	23	23	26	27	27	26	25	23	20	23
28	23	23	23	23	22	21	18	20	21	24	26	28	28	28	28	28	28	25	20	18	17	14	13	18	22
29	18	18	18	20	20	19	15	15	16	17	21	28	34	41	42	42	47	46	47	47	44	43	43	46	31
30	48	50	50	50	50	45	38	36	35	35	35	39	44	47	54	51	63	40	38	36	30	34	40	50	43
MEAN	22	23	22	23	22	21	18	19	21	23	24	25	27	29	28	26	29	28	25	22	23	23	23	24	23.9

PERCENTAGE OF DATA VALID - 68.1 PERCENTAGE OF DATA INVALID - 31.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	53	50	46	44	40	30	21	23	27	33	34	43	54	62	66	66	65	56	54	37	27	23	19	15	41
2	32	40	43	43	29	23	10	10	16	16	19	22	20	22	21	15	22	16	5	3	2	3	3	6	18
3	14	16	13	12	12	12	8	10	11	11	12	11	12	12	14	14	17	16	16	16	16	17	17	17	14
4	17	17	16	17	18	18	17	17	18	18	18	17	19	19	19	19	19	19	19	19	19	15	16	15	18
5	16	16	17	17	18	19	15	18	18	18	19	18	18	17	15	16	16	17	17	15	10	7	6	16	16
6	24	22	22	22	20	20	24	26	26	27	29	32	31	29	28	28	30	27	21	19	26	25	16	12	25
7	9	9	7	14	22	10	0	15	19	20	24	24	24	24	23	19	25	21	15	19	20	20	23	24	18
8	22	22	23	24	24	26	28	31	29	29	30	35	41	38	27	20	25	23	23	22	22	19	21	22	26
9	25	22	24	22	22	12	6	3	17	19	****	19	****	26	24	21	26	25	11	4	6	10	9	8	16
10	11	12	13	14	15	15	11	13	16	18	23	28	28	29	34	34	34	30	6	27	26	22	20	17	21
11	18	16	14	13	11	13	14	17	18	16	15	15	15	14	14	14	14	14	14	13	12	12	12	13	14
12	13	16	22	18	13	11	14	14	15	16	16	18	18	20	22	22	21	20	20	23	25	26	24	24	19
13	24	24	23	23	23	19	21	24	24	22	24	23	24	23	21	22	23	23	23	23	23	21	21	21	23
14	18	17	15	13	20	19	14	2	10	14	16	17	20	22	23	17	12	15	23	24	22	20	20	14	17
15	12	15	15	14	12	8	8	10	14	16	15	19	24	24	24	19	24	26	17	18	18	14	9	5	16
16	2	3	4	4	5	5	4	4	6	13	15	17	12	12	10	6	5	5	4	1	1	1	2	4	6
17	5	11	15	21	26	29	35	37	37	36	37	41	38	34	33	34	33	34	32	31	28	20	14	17	28
18	17	17	24	29	25	22	21	21	22	23	24	25	26	28	27	25	26	27	25	21	21	24	23	21	24
19	21	20	18	18	17	17	19	19	20	21	23	26	29	30	31	29	29	31	32	31	31	31	28	25	25
20	26	26	25	26	26	21	11	11	20	22	22	24	24	24	22	17	17	21	20	21	23	26	25	22	22
21	21	22	22	24	24	23	20	20	23	23	20	22	24	28	21	16	27	26	24	26	27	27	23	25	23
22	26	27	27	27	27	20	13	13	19	19	19	20	20	21	22	18	20	21	21	23	20	18	15	7	20
23	16	14	13	12	11	8	7	11	13	16	18	19	21	21	23	22	18	15	4	5	8	8	9	6	13
24	12	15	18	18	21	22	20	20	20	20	21	22	25	29	31	29	28	25	22	17	16	18	19	20	21
25	19	18	18	17	17	17	17	17	12	10	9	12	14	14	14	12	14	14	17	20	20	19	18	17	16
26	18	18	19	20	20	20	20	21	23	25	26	26	26	26	27	27	25	25	25	24	22	22	21	20	23
27	20	19	19	16	16	16	14	13	14	13	12	10	12	10	15	17	19	20	20	18	24	27	23	26	17
28	25	25	32	31	27	28	24	18	24	26	28	27	24	26	26	20	17	28	29	28	31	31	31	27	26
29	26	24	28	27	24	24	20	13	18	23	24	25	20	21	21	15	12	19	21	21	22	28	22	28	22
30	23	22	23	19	31	31	30	26	25	28	30	30	30	30	33	30	23	21	20	30	28	25	23	22	26
31	17	15	16	15	16	16	18	16	17	20	21	22	22	26	24	27	27	27	20	24	26	26	27	27	21
MEAN	19	20	20	20	20	19	16	17	19	20	21	23	24	25	24	22	23	23	20	20	20	20	18	18	20.5

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	24	25	27	27	25	24	22	21	24	22	23	23	24	24	24	27	28	28	27	30	32	31	29	26
2	30	35	35	35	35	35	30	24	30	30	25	27	29	30	30	28	28	28	26	27	25	28	27	28	29
3	26	24	23	22	21	21	20	20	20	20	25	29	31	36	38	37	36	38	42	38	37	36	33	31	29
4	24	27	30	28	23	17	19	10	20	20	16	12	18	19	19	17	16	21	27	26	23	25	25	25	21
5	23	22	24	21	21	23	20	16	18	22	22	24	21	22	21	19	16	25	27	22	25	30	30	25	22
6	27	22	31	30	30	27	26	22	22	****	16	15	15	17	16	14	14	12	18	12	10	10	6	5	18
7	7	10	16	15	10	5	1	0	0	6	13	17	17	18	17	13	18	18	20	21	21	20	20	22	14
8	24	24	26	27	27	25	22	22	22	27	27	29	26	27	24	27	27	21	24	23	24	21	17	17	24
9	19	18	16	16	17	16	16	16	16	18	19	20	20	20	19	16	16	18	25	22	24	26	26	25	19
10	21	22	22	22	24	25	27	23	25	27	28	26	28	29	29	28	24	30	30	30	30	33	32	30	27
11	28	26	28	28	29	29	29	23	25	29	27	28	27	27	27	24	21	27	29	28	31	31	32	31	28
12	29	24	30	31	30	29	29	22	22	26	26	27	23	22	26	26	24	17	17	21	22	23	24	24	23
13	20	20	13	7	8	8	7	5	5	5	9	10	8	8	5	1	0	0	0	1	0	3	5	7	6
14	7	8	8	11	19	26	27	23	22	24	24	20	18	21	16	24	19	26	26	27	25	16	16	20	20
15	20	19	21	30	30	30	25	21	22	27	27	24	26	26	27	30	30	27	21	23	23	19	13	15	24
16	12	12	15	17	24	26	26	22	24	28	30	30	27	28	25	25	25	22	22	26	25	27	27	27	24
17	24	23	23	24	22	22	23	22	22	19	20	22	19	18	17	9	3	7	8	8	9	7	4	2	16
18	0	0	0	3	5	9	8	14	19	17	17	17	21	21	20	18	15	22	22	23	25	25	24	23	15
19	21	20	25	25	26	24	24	18	18	18	20	20	****	20	21	20	15	22	25	21	16	17	16	14	20
20	13	13	15	12	7	10	11	10	5	4	6	6	11	17	17	17	17	13	15	17	18	14	14	16	12
21	9	4	2	5	8	12	14	11	11	12	12	15	12	12	14	18	16	21	22	21	26	24	26	25	15
22	23	27	27	26	24	22	22	18	17	15	16	17	18	19	21	19	19	15	11	13	13	14	13	10	18
23	4	2	2	5	7	5	6	8	11	14	13	12	9	7	7	6	4	5	8	11	11	7	12	9	8
24	7	7	6	8	9	10	10	6	7	10	10	12	12	12	11	11	14	18	22	22	25	26	27	26	14
25	25	25	26	25	25	26	27	23	24	27	30	28	27	27	28	24	19	23	24	24	19	27	25	25	25
26	24	23	28	26	28	28	26	24	22	22	20	21	20	21	19	19	13	7	11	8	9	8	10	9	19
27	2	1	7	13	13	16	17	17	17	17	18	14	11	14	16	15	13	18	18	16	17	20	20	18	15
28	17	16	14	14	12	11	10	9	8	8	8	8	9	10	9	7	4	10	16	11	9	8	7	4	10
29	5	18	24	28	30	32	31	29	31	31	31	30	28	29	29	28	29	30	28	25	26	26	27	27	27
30	23	24	22	23	24	26	26	26	26	24	24	26	25	22	14	15	15	18	19	14	11	11	17	22	21
MEAN	18	18	19	20	21	21	20	18	18	20	20	20	20	21	20	20	18	20	21	20	20	20	20	20	19.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	18	19	19	17	18	13	7	5	7	16	17	18	19	20	18	14	16	15	19	17	20	21	20	16
2	21	22	25	23	20	21	21	18	19	****	****	20	21	21	21	23	24	25	27	28	29	30	32	34	24
3	32	32	32	34	35	34	32	31	32	33	33	33	34	33	32	32	25	25	29	31	30	25	29	25	31
4	25	21	28	29	29	29	27	24	24	25	25	28	20	30	32	25	18	21	27	26	25	27	25	24	26
5	24	24	24	27	28	25	19	17	17	21	24	23	22	24	21	18	12	12	14	4	5	8	10	12	18
6	18	21	23	23	16	12	12	14	15	15	15	15	15	15	14	10	7	3	0	0	0	0	1	3	11
7	2	2	2	0	0	0	0	0	0	1	3	4	3	3	3	3	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	3	4	3	3	0	1	1	2	4	4	6	18	19	22	23	25	26	25	8
9	25	25	24	26	28	28	24	11	13	22	25	23	23	22	21	23	22	22	23	25	23	22	24	25	23
10	24	25	26	28	28	26	25	23	24	25	26	27	25	25	25	27	20	25	27	30	29	29	30	27	26
11	27	28	28	29	30	30	29	25	27	28	27	27	30	30	30	30	30	29	31	32	31	32	31	31	29
12	30	30	31	32	31	30	28	22	23	20	12	7	6	4	4	5	5	5	7	12	18	16	21	20	17
13	16	12	13	18	20	22	22	20	24	27	28	29	26	30	31	31	30	31	31	31	28	26	27	28	28
14	29	28	30	30	30	29	28	29	30	29	29	31	31	31	31	32	32	33	34	34	33	34	33	31	31
15	31	33	33	33	32	33	34	32	31	30	29	29	29	29	29	27	7	5	6	10	19	20	20	14	25
16	16	11	21	25	28	28	23	27	25	24	27	26	28	28	27	28	25	26	29	29	28	29	29	29	26
17	29	29	29	28	27	24	21	12	5	19	24	27	27	27	22	17	16	20	19	16	14	13	13	14	21
18	13	12	13	28	29	32	34	28	28	32	30	****	31	31	31	30	25	26	31	31	31	31	34	31	28
19	30	29	30	31	31	31	29	24	24	27	27	26	26	26	26	26	27	26	29	30	30	30	29	28	28
20	29	29	29	30	31	30	30	30	28	29	30	29	28	29	29	28	29	30	32	30	30	29	28	29	29
21	26	27	28	29	29	29	29	29	29	29	29	29	29	29	29	30	30	31	31	29	29	29	30	30	29
22	32	30	30	29	28	26	17	16	14	12	12	13	16	25	26	23	22	19	17	16	15	11	4	0	19
23	0	0	0	0	0	0	0	0	3	5	9	9	8	9	7	6	6	7	8	8	7	6	6	10	5
24	11	11	14	19	20	22	20	25	27	30	29	26	27	30	30	30	30	29	29	28	28	28	29	29	25
25	29	28	28	28	28	27	27	27	27	27	27	28	30	30	29	29	27	27	31	31	30	30	29	27	28
26	27	27	26	26	12	11	12	21	23	23	22	19	20	20	20	21	21	22	25	24	20	21	25	23	21
27	23	23	23	26	28	26	27	27	28	27	27	26	26	25	24	23	15	19	21	19	19	16	12	8	22
28	3	0	0	0	0	0	0	3	6	9	13	20	21	19	14	8	3	0	0	2	3	2	2	3	5
29	6	9	10	12	10	10	7	3	0	4	9	9	17	20	****	****	24	19	18	20	23	24	26	27	14
30	26	26	26	27	28	29	29	26	25	27	26	28	****	29	29	29	23	23	25	26	26	26	26	26	27
31	25	25	27	25	19	19	18	20	19	22	24	24	27	27	28	29	25	29	29	26	25	26	25	25	25
MEAN	21	21	22	23	22	22	21	19	19	21	22	22	23	23	23	22	19	20	21	22	22	21	22	21	21.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19.0	27	30
FEB	25	24.9	29	38
MAR	31	28.9	43	66
APR	30	25.8	45	69
MAY	9	28.3	36	70
JUN	5	23.9	33	61
JUL	31	27.8	46	83
AUG	26	29.5	59	88
SEP	20	23.9	43	63
OCT	31	20.5	41	66
NOV	30	19.7	29	42
DEC	31	21.4	31	35
YEAR	300	24.2	59	88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD, 2, LOT A TIVERTON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	119	623	0	0	0	0	0	0	742
FEB	21	516	66	0	0	0	0	0	603
MAR	9	431	286	7	0	0	0	0	733
APR	42	462	196	15	0	0	0	0	715
MAY	12	139	95	6	0	0	0	0	252
JUN	6	110	22	5	0	0	0	0	143
JUL	109	333	227	68	1	0	0	0	738
AUG	78	303	174	79	3	0	0	0	637
SEP	50	317	111	12	0	0	0	0	490
OCT	66	618	50	8	0	0	0	0	742
NOV	120	566	32	0	0	0	0	0	718
DEC	127	533	78	0	0	0	0	0	738
YEAR	759	4951	1337	200	4	0	0	0	7251

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
82.5	0	9.6	18.4	23.5	27.9	36.8	43.9	54.2	60.9	88	24.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	17	18	19	19	19	20	21	19	20	21	21	20	19	17	19	20	20	19	19	20	17	19
2	17	18	16	12	4	0	0	0	1	4	5	7	8	8	8	6	3	1	8	13	20	16	19	21	9
3	21	19	17	17	19	19	19	18	17	****	22	24	24	23	21	18	17	17	12	10	10	11	1	0	16
4	0	0	0	1	2	2	1	0	3	12	14	15	****	24	20	18	19	19	15	11	13	18	19	17	11
5	16	17	20	22	****	19	18	18	16	12	13	18	24	24	23	26	26	18	16	19	18	14	13	8	18
6	5	8	12	10	6	4	1	2	10	15	17	20	21	23	25	25	25	26	23	19	9	9	8	12	14
7	15	13	12	15	17	20	21	19	16	15	17	19	16	17	18	19	18	18	16	14	13	14	15	15	16
8	16	17	18	18	16	15	15	16	15	16	****	20	19	17	18	17	13	11	14	12	15	15	14	17	16
9	16	14	13	10	12	13	15	13	12	16	20	21	24	24	24	24	21	15	17	17	12	6	6	2	15
10	4	5	2	6	7	10	13	15	15	14	17	19	21	23	14	20	20	19	20	17	12	7	2	5	13
11	7	10	11	11	13	13	15	19	21	22	20	20	19	18	19	20	19	19	20	22	22	19	18	18	17
12	17	20	20	22	22	23	22	24	23	23	24	25	25	25	25	25	25	23	20	15	13	16	16	14	21
13	16	13	13	17	14	13	14	11	10	13	16	19	22	21	19	18	15	12	13	14	15	14	13	12	15
14	10	10	10	10	9	6	4	6	4	4	5	9	13	14	14	13	9	10	8	11	10	6	0	0	8
15	0	2	16	18	19	18	17	12	4	7	12	16	15	22	24	24	13	17	18	20	20	12	12	11	15
16	13	14	15	15	14	12	9	10	10	11	11	11	11	12	10	10	10	****	10	8	7	5	2	1	10
17	1	1	4	7	13	15	14	10	4	8	9	8	8	9	7	5	10	12	7	6	7	4	4	3	7
18	2	2	2	2	1	2	1	1	1	2	3	4	4	4	3	2	3	11	14	15	19	18	18	10	6
19	13	13	14	16	19	19	19	20	21	23	22	19	16	15	17	17	18	19	15	15	19	20	21	23	18
20	26	27	26	24	24	24	24	25	24	27	27	28	28	28	28	28	29	28	27	27	26	24	21	22	26
21	21	19	18	17	22	26	24	19	14	17	21	24	24	24	25	24	18	9	9	8	8	9	12	13	18
22	12	11	19	22	25	23	19	15	12	12	10	8	10	11	11	13	13	16	17	18	16	13	12	14	15
23	15	12	21	22	22	22	23	23	22	23	24	25	25	27	26	28	28	27	25	25	25	25	26	27	24
24	28	27	27	23	23	23	21	18	19	23	27	29	29	28	26	26	25	24	22	18	14	17	19	16	23
25	13	13	15	16	17	18	19	17	16	****	15	17	18	19	26	23	19	16	17	15	9	11	13	16	17
26	16	10	10	13	15	16	19	19	20	24	25	28	29	28	28	28	27	26	25	25	25	25	23	23	22
27	24	25	25	26	26	26	26	25	25	28	29	30	31	31	31	31	29	26	25	22	22	25	19	17	26
28	17	20	20	20	21	23	23	24	23	25	27	29	29	30	31	30	27	28	28	24	20	18	13	5	23
29	13	16	18	19	16	12	8	5	9	****	19	20	23	25	26	27	24	24	25	26	20	15	15	17	18
30	18	21	16	11	17	18	19	22	23	26	29	31	31	31	32	32	29	25	23	-	23	18	18	25	23
31	24	23	23	24	24	24	26	22	23	26	28	29	29	30	30	30	30	29	28	27	26	24	26	27	26
MEAN	14	14	15	16	16	16	16	15	15	17	18	20	21	21	21	21	19	19	18	17	16	15	14	14	17.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	25	25	26	26	27	28	28	27	28	30	31	32	32	32	33	32	30	27	26	24	22	25	24	28
2	24	25	25	24	22	20	17	16	21	26	29	30	31	32	33	33	31	30	29	29	26	24	24	22	26
3	23	24	25	26	25	26	24	22	24	27	30	31	33	31	32	32	31	31	30	29	28	27	28	27	28
4	25	25	25	25	26	26	24	24	26	28	30	29	31	33	33	32	32	30	28	26	25	24	22	21	27
5	22	21	20	20	16	15	13	11	13	18	23	26	31	33	34	34	-	-	22	23	23	23	20	19	22
6	5	0	0	0	0	0	0	1	15	22	23	25	27	28	27	26	25	25	****	****	****	****	****	****	14
7	- DATA INVALID -																								
8	****	****	****	****	****	****	****	****	****	****	23	28	31	32	33	33	32	30	26	24	24	22	22	22	******
9	18	19	17	13	14	14	16	16	16	22	29	31	32	32	34	34	33	30	29	26	26	25	25	26	24
10	24	23	22	22	22	23	21	22	24	26	28	31	32	33	33	33	31	30	28	27	24	25	25	21	26
11	16	18	25	22	13	13	15	20	23	29	30	31	32	33	37	36	35	33	29	27	24	23	23	20	25
12	18	16	20	20	19	18	18	18	19	25	28	29	32	34	34	37	39	32	24	24	20	16	18	20	24
13	16	21	23	21	20	19	14	9	10	18	26	29	31	32	32	31	26	26	24	20	16	12	16	20	21
14	19	19	20	16	13	10	7	7	9	14	19	23	33	37	38	37	34	32	29	27	24	15	16	13	21
15	13	17	21	22	20	22	19	13	21	24	24	21	29	15	25	****	32	29	****	18	19	25	****	26	22
16	24	21	20	23	13	2	10	14	17	23	29	30	35	37	36	37	36	35	33	30	28	27	25	25	25
17	26	23	23	25	26	28	28	29	30	30	31	32	35	36	34	34	33	33	31	32	38	37	31	31	31
18	32	30	25	23	25	25	24	20	21	27	27	28	30	31	35	37	37	35	35	34	31	27	22	20	28
19	13	10	12	10	11	12	14	15	19	20	21	25	30	31	32	32	30	25	21	11	20	20	9	5	19
20	8	15	14	18	17	15	14	14	9	6	****	17	21	25	22	18	14	5	6	8	8	13	12	9	13
21	7	2	1	1	1	5	5	5	8	13	21	22	24	22	21	19	12	7	10	9	7	12	18	19	11
22	20	22	22	23	24	23	22	19	17	13	11	10	9	9	****	11	8	5	5	15	16	21	24	25	16
23	26	26	24	26	26	27	26	25	25	26	27	28	29	30	31	31	26	24	21	17	15	16	20	20	25
24	18	11	7	6	10	11	8	11	21	25	28	29	31	31	31	30	26	28	26	25	25	22	18	17	21
25	18	19	20	19	17	27	32	32	34	35	35	36	36	36	30	20	22	23	30	32	31	30	29	29	28
26	29	29	31	30	30	30	30	29	29	31	30	31	32	31	32	31	31	32	27	23	28	33	34	33	30
27	33	29	23	25	27	23	****	17	18	21	23	28	32	32	34	34	33	33	32	32	32	32	31	27	28
28	28	24	27	28	29	27	28	25	19	27	30	32	33	35	36	35	34	34	32	29	28	31	32	31	30
29	30	28	28	29	27	24	24	25	27	27	29	31	31	32	31	31	31	30	29	28	28	27	23	23	28
MEAN	21	20	20	20	19	19	19	18	20	23	26	28	30	31	32	31	29	27	26	24	24	23	23	22	24.0

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	20	21	19	18	17	17	17	25	27	30	31	33	34	35	36	35	35	33	32	30	28	25	22	27
2	20	16	15	13	17	19	20	22	24	30	29	31	34	35	35	35	35	34	31	16	8	16	22	23	24
3	21	19	22	19	15	12	9	12	18	25	30	34	35	34	37	37	****	35	35	34	31	26	25	23	26
4	25	26	25	24	24	24	23	21	24	26	****	28	31	34	35	37	33	28	27	19	18	22	24	24	26
5	26	27	24	21	23	20	14	10	9	10	9	11	11	12	20	32	34	33	33	34	33	32	30	33	23
6	32	32	32	33	31	29	25	22	29	33	35	35	35	36	37	38	35	34	31	32	31	34	33	33	32
7	32	31	29	28	25	23	21	13	13	29	30	31	32	33	32	34	35	35	32	29	19	9	7	11	26
8	15	19	17	14	14	19	24	24	25	26	28	29	32	34	23	17	29	36	38	36	39	41	41	41	28
9	40	39	37	39	36	35	32	28	26	32	34	41	47	44	48	51	50	50	47	45	40	39	40	40	40
10	39	34	29	28	28	27	24	24	25	27	28	30	33	33	33	33	34	33	32	32	34	37	37	36	31
11	36	35	34	33	31	31	33	31	32	32	****	****	34	33	32	35	34	34	34	33	32	32	32	32	33
12	32	31	31	30	29	30	30	30	28	29	32	33	35	35	35	34	35	33	30	27	15	22	17	18	27
13	20	20	21	24	25	24	26	26	25	26	28	28	30	29	23	****	24	23	23	24	24	23	22	17	24
14	14	16	16	19	14	7	15	20	23	26	****	33	35	37	38	39	40	40	40	38	36	36	35	34	28
15	33	33	32	31	31	31	31	30	30	32	33	35	36	38	38	37	38	37	36	35	32	30	29	25	33
16	27	22	20	18	14	14	15	22	27	28	29	29	28	29	34	27	24	21	18	15	14	13	10	10	21
17	12	12	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	- DATA INVALID -																								
19	****	****	****	****	****	****	****	****	****	****	54	31	31	35	38	40	39	32	27	28	23	23	21	13	******
20	9	8	10	12	11	8	9	11	19	27	36	42	46	****	****	****	****	****	****	****	****	****	****	****	******
21	****	****	****	****	****	****	****	****	****	19	19	10	15	34	31	28	27	27	27	28	28	28	28	28	******
22	28	28	28	28	29	29	29	29	29	30	30	30	30	30	31	30	31	31	30	29	28	28	28	28	29
23	27	27	27	27	21	25	28	29	29	29	31	30	32	31	29	29	29	27	21	7	25	24	24	20	26
24	22	14	12	13	18	23	23	21	19	17	20	23	23	22	16	18	17	15	19	20	11	11	13	1	17
25	3	14	24	27	24	22	22	21	23	26	25	27	26	26	25	25	25	25	26	26	26	27	27	25	24
26	25	25	24	28	27	26	25	26	26	25	24	25	27	29	25	26	26	26	24	21	19	20	20	18	24
27	17	15	14	14	13	10	8	11	18	24	28	33	36	37	41	40	38	20	26	29	30	29	24	23	24
28	24	22	20	14	6	7	9	9	12	15	17	20	25	33	38	40	39	36	35	33	34	35	33	28	24
29	31	28	16	9	8	8	4	9	17	22	26	25	25	27	28	28	29	34	35	35	27	26	36	29	23
30	15	22	26	26	27	27	27	27	26	31	35	38	40	41	42	42	39	38	38	36	34	34	35	35	33
31	35	36	34	33	31	29	26	27	26	26	26	26	26	27	28	28	27	25	23	21	21	22	23	22	27
MEAN	24	24	23	23	22	21	21	21	23	26	29	29	31	32	32	33	33	31	30	28	27	27	26	25	26.8

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 10.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	18	19	19	20	21	22	23	27	-	35	28	27	30	26	16	13	12	12	14	16	14	10	20
2	9	10	10	9	7	6	5	5	6	8	12	17	17	18	18	21	30	37	37	34	27	26	24	28	18
3	31	30	28	22	17	12	13	21	25	30	35	37	-	38	40	35	35	34	32	32	31	29	26	25	29
4	25	28	28	26	25	23	25	22	18	16	22	27	27	23	18	30	35	34	34	34	35	34	34	34	27
5	34	34	32	31	30	29	27	28	31	33	34	35	38	40	41	41	42	44	44	41	30	26	27	32	34
6	27	24	23	19	18	22	25	33	36	35	38	40	42	46	51	52	61	51	38	31	26	23	20	17	33
7	14	14	16	17	18	18	23	24	32	35	38	42	46	45	46	46	41	39	44	43	40	44	47	45	34
8	40	35	33	30	28	27	29	33	34	35	36	40	47	46	42	39	40	40	39	38	37	54	53	-	38
9	45	43	42	41	37	35	34	30	29	30	31	33	36	38	34	33	36	36	36	28	31	22	26	25	34
10	27	27	25	26	28	27	24	22	22	23	25	26	26	27	26	22	21	21	22	22	22	21	20	20	24
11	20	18	17	17	18	17	18	19	22	21	19	26	32	37	37	37	35	36	36	35	33	28	15	19	26
12	25	26	26	31	23	22	13	10	18	25	27	26	29	33	33	27	32	32	33	32	27	26	24	23	26
13	27	32	30	31	30	29	27	29	29	30	30	31	33	32	34	35	33	32	29	25	22	22	20	12	29
14	14	16	16	19	21	21	21	21	22	22	22	24	23	21	21	21	22	20	20	16	14	26	29	29	21
15	26	25	25	27	****	****	****	****	****	24	****	19	17	15	14	14	13	10	12	23	22	19	****	17	19
16	17	18	18	21	23	25	27	27	26	31	32	33	33	34	34	34	34	34	33	30	29	29	26	24	28
17	23	20	17	18	17	15	10	20	27	29	32	35	38	39	39	40	38	32	28	30	33	34	33	29	28
18	29	29	28	29	32	32	30	30	27	31	34	42	41	44	49	49	46	40	31	22	31	26	23	23	33
19	17	13	6	6	4	5	6	17	24	25	39	53	60	68	69	72	72	68	63	58	55	57	58	56	40
20	55	50	45	42	35	38	42	43	44	46	46	47	46	48	48	45	43	40	39	33	30	28	24	23	41
21	19	18	15	21	20	21	21	25	29	19	****	40	43	43	43	43	44	42	39	35	28	-	-	22	30
22	19	17	13	17	20	18	22	18	23	25	16	29	40	40	34	20	46	36	32	28	25	21	-	28	26
23	29	30	29	27	23	22	21	23	24	27	26	35	37	35	35	34	31	32	33	33	32	30	30	26	29
24	30	30	27	21	19	19	23	25	30	32	30	****	****	38	37	41	41	39	38	35	33	-	27	26	31
25	-	24	3	19	18	17	18	20	24	24	28	34	36	36	37	37	37	37	37	32	28	19	21	26	27
26	25	16	18	17	20	17	15	21	27	33	37	36	40	41	43	45	45	44	43	35	27	27	32	35	31
27	37	33	18	17	3	0	2	13	22	28	32	37	40	40	41	41	42	40	38	39	34	34	33	29	29
28	26	24	22	20	18	15	14	12	14	10	10	11	13	20	22	21	19	15	12	3	9	10	11	11	15
29	11	13	14	12	11	8	5	9	11	14	18	18	11	12	15	14	12	23	17	6	3	12	5	10	12
30	16	16	17	14	13	11	13	13	12	18	19	24	35	35	38	37	39	38	32	-	22	19	15	20	22
MEAN	25	24	22	22	21	20	20	22	25	26	28	32	34	35	36	35	36	35	33	30	28	27	27	25	27.8

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	23	23	10	7	7	6	9	18	26	36	42	45	45	37	-	34	****	31	29	23	20	17	15	24
2	14	14	12	9	8	7	5	7	10	18	30	38	41	40	45	37	37	37	34	39	35	35	25	13	25
3	17	26	27	25	18	18	20	24	31	35	38	39	45	46	44	41	38	38	38	33	29	28	23	22	31
4	24	25	25	24	24	23	24	23	25	31	35	37	39	41	40	41	44	47	36	30	33	32	40	45	33
5	45	43	36	30	25	23	24	31	37	44	44	49	58	63	61	59	51	50	46	48	41	41	37	33	42
6	26	21	18	19	17	16	15	15	14	18	26	30	33	32	32	34	34	35	33	27	20	22	25	21	24
7	20	21	17	26	24	26	25	24	24	22	20	19	20	21	22	23	21	18	18	17	16	16	15	12	20
8	14	13	12	15	14	13	11	18	20	21	22	21	22	21	23	22	21	20	21	21	20	21	19	17	18
9	16	16	14	15	15	17	14	19	22	25	24	23	22	24	23	29	26	22	22	23	19	16	13	14	20
10	17	14	14	15	16	22	20	24	31	33	32	35	37	41	42	44	45	42	40	39	38	39	35	36	31
11	39	40	40	40	40	39	38	36	36	39	41	42	43	42	44	40	39	37	35	33	29	27	25	23	37
12	20	18	18	18	17	13	13	19	23	22	23	32	39	41	44	35	34	26	22	20	28	25	24	13	24
13	15	12	11	22	28	29	27	28	28	29	28	30	35	40	39	37	37	35	36	35	36	33	29	29	30
14	25	29	36	21	19	30	34	33	33	36	35	32	32	31	31	28	27	32	35	32	30	26	24	-	30
15	20	18	17	16	15	10	17	25	27	29	29	32	31	33	35	35	32	34	31	29	29	23	23	19	25
16	17	15	12	16	13	10	13	26	28	29	30	30	35	38	37	36	38	37	32	28	28	25	27	25	26
17	23	19	18	20	19	19	19	20	32	45	51	57	61	62	61	58	57	60	58	55	54	52	51	52	43
18	52	51	48	47	44	41	38	33	32	31	31	30	36	43	-	59	58	59	50	49	47	41	42	43	43
19	40	39	37	36	36	37	38	36	41	43	47	47	50	54	55	60	59	57	52	40	31	12	12	15	41
20	24	22	18	7	3	9	16	22	27	36	44	55	58	53	52	51	49	42	40	38	35	34	27	19	33
21	22	18	9	8	15	5	6	17	27	33	38	42	45	48	48	55	53	51	46	42	39	41	33	35	32
22	36	31	30	33	37	37	35	34	43	49	57	58	61	68	64	62	69	69	66	56	47	47	51	49	50
23	47	48	49	43	40	21	17	29	41	56	64	74	75	73	67	65	64	63	46	17	27	12	11	18	44
24	26	24	16	33	13	12	8	26	36	48	59	67	71	76	81	84	83	85	67	52	60	47	32	29	47
25	36	32	27	32	30	24	22	26	33	36	39	45	48	51	53	59	40	46	****	38	30	29	30	****	37
26	****	****	****	****	****	****	26	28	27	31	38	****	****	****	45	45	47	45	41	34	32	29	24	24	******
27	24	****	22	21	20	19	20	21	22	25	29	34	35	36	32	35	35	38	37	34	32	31	39	36	29
28	30	26	22	19	15	15	11	15	22	26	24	32	31	****	44	45	46	45	49	41	31	24	17	23	28
29	20	15	14	15	12	13	13	17	****	****	****	****	****	****	41	****	43	****	33	29	17	8	3	1	18
30	0	8	19	24	29	32	37	44	****	58	62	68	71	77	****	64	70	66	63	60	51	46	41	41	47
31	41	41	38	39	36	33	32	33	37	45	54	61	63	62	50	44	43	41	37	32	27	24	20	18	40
MEAN	26	25	23	23	22	21	21	25	29	34	38	41	44	47	45	45	45	44	40	35	33	29	27	26	32.6

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	20	23	25	24	23	23	23	24	25	28	30	32	32	28	26	22	20	18	16	20	22	24	23	24
2	23	24	24	24	22	18	17	12	****	19	20	26	38	****	****	****	59	56	52	48	43	40	32	34	32
3	32	34	37	34	35	34	34	36	25	26	32	38	37	39	41	42	41	39	32	27	25	26	24	23	33
4	23	23	23	20	20	20	20	26	30	33	36	39	39	40	43	43	44	45	43	36	29	26	23	22	31
5	19	16	15	17	18	21	****	****	****	****	****	38	****	36	41	32	41	36	37	31	33	35	38	30	30
6	32	30	28	21	19	26	****	20	21	29	32	37	43	45	43	55	51	72	71	54	49	45	47	44	40
7	45	42	42	37	32	31	39	41	29	31	29	44	51	54	45	46	42	45	53	55	47	40	36	33	41
8	31	36	35	32	26	16	15	****	15	18	20	19	19	21	25	28	28	28	27	26	24	22	21	13	24
9	15	15	15	17	17	18	18	20	24	28	30	29	29	31	34	33	33	31	30	29	27	****	25	23	25
10	20	18	17	16	14	12	13	13	15	17	20	23	28	****	****	****	****	34	****	35	32	28	32	32	31
11	27	23	19	18	17	18	22	****	****	****	****	****	37	38	37	37	40	39	39	****	****	44	39	29	31
12	30	31	28	22	16	21	23	****	****	****	****	****	47	48	****	54	58	55	53	39	26	-	-	35	37
13	40	-	-	-	31	30	31	35	42	-	-	-	74	73	74	70	71	80	****	****	56	43	50	48	53
14	69	61	61	45	****	****	****	****	****	****	77	75	72	65	62	68	69	69	59	54	46	34	50	46	60
15	70	****	69	61	62	62	59	59	63	70	80	71	70	64	43	26	17	19	20	20	19	16	18	19	47
16	17	14	15	14	17	16	19	21	24	26	****	34	39	40	****	36	36	33	34	29	26	23	21	19	25
17	15	11	11	11	9	10	13	17	24	31	35	35	35	34	36	41	44	49	46	46	41	37	32	28	29
18	29	27	30	30	27	24	26	29	34	27	46	53	58	65	66	65	63	62	59	54	45	33	32	29	42
19	24	17	7	6	4	5	13	24	41	45	46	47	50	54	59	58	54	50	43	38	43	43	42	38	35
20	24	19	21	22	26	28	27	27	26	23	22	23	24	26	26	26	26	26	25	23	20	18	17	15	23
21	12	10	13	15	14	15	19	20	23	25	30	32	33	33	32	36	37	39	38	33	30	24	29	29	26
22	29	25	22	15	14	17	15	22	27	30	34	42	49	50	51	51	52	50	47	34	24	42	45	45	35
23	44	36	35	36	34	31	28	30	42	50	57	59	60	63	65	69	68	72	75	66	57	55	65	75	53
24	74	78	73	69	63	44	43	****	49	56	69	87	84	78	85	92	-	85	81	83	80	79	73	61	72
25	73	68	60	47	38	33	34	42	57	65	77	83	76	64	61	61	68	78	75	****	54	50	53	61	60
26	64	55	65	64	60	50	42	44	51	60	63	69	73	82	90	89	95	89	93	88	80	76	67	49	69
27	36	34	33	29	27	25	24	29	34	38	37	41	42	40	43	64	63	65	59	53	54	39	19	14	39
28	7	1	2	8	14	16	15	14	13	15	12	14	19	19	23	27	27	25	22	15	7	19	21	20	16
29	17	15	14	13	12	****	****	10	11	17	28	40	36	44	56	58	55	54	51	32	28	30	30	26	31
30	24	22	20	18	19	19	19	20	21	19	23	26	28	32	34	34	30	27	25	22	21	21	20	18	23
MEAN	33	29	30	27	25	24	25	26	31	33	39	43	46	47	48	49	47	50	46	40	37	36	35	33	36.7

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	16	14	13	12	17	24	28	33	38	41	39	41	48	58	62	62	58	50	51	41	31	30	35
2	27	23	20	17	14	12	12	16	14	13	13	12	12	12	11	12	12	11	10	9	10	9	8	7	13
3	5	3	2	0	0	1	1	2	2	3	5	6	7	8	9	8	7	5	4	3	2	2	1	2	4
4	3	3	3	3	3	3	3	3	12	45	60	****	51	60	55	53	52	51	36	27	16	34	63	60	30
5	56	50	41	31	27	28	35	42	56	42	41	31	32	42	51	49	50	54	49	41	32	31	28	26	40
6	26	26	25	23	20	19	21	21	21	24	27	29	29	31	33	33	33	32	31	24	16	14	8	8	24
7	8	5	3	3	2	3	6	8	22	30	30	31	29	29	29	35	47	52	50	42	38	40	36	40	26
8	44	39	36	36	34	26	30	29	29	33	38	44	43	39	39	****	****	36	32	27	22	19	16	15	32
9	12	10	9	8	8	8	12	19	18	****	27	31	35	32	26	23	23	22	23	13	14	16	11	15	18
10	18	9	2	2	1	2	8	24	33	40	53	58	61	66	69	71	****	69	71	60	55	58	55	56	41
11	57	54	55	57	59	53	38	30	39	48	54	58	68	69	59	54	52	47	42	35	32	27	23	19	47
12	14	11	13	16	14	16	19	22	27	30	32	37	31	34	36	38	36	32	27	23	13	7	6	2	22
13	4	4	5	2	1	3	8	13	21	27	30	34	36	38	38	41	47	43	38	32	28	28	29	28	24
14	22	26	24	23	21	21	26	33	43	47	50	54	57	59	56	59	61	58	59	57	54	63	58	50	45
15	37	44	43	46	37	39	41	43	44	50	52	69	80	89	81	45	38	57	62	67	65	56	52	42	53
16	38	31	25	22	18	14	15	26	34	42	38	32	32	41	47	53	57	62	62	60	64	44	41	56	40
17	66	60	52	45	40	38	36	39	****	****	47	47	45	45	42	42	42	43	43	40	33	23	20	18	41
18	14	12	9	9	7	6	8	15	20	27	34	42	50	48	48	47	49	48	47	38	28	29	18	11	28
19	16	22	30	25	23	34	31	30	41	52	64	77	85	89	98	99	89	80	85	86	75	70	66	57	59
20	60	57	48	40	44	43	36	43	52	58	67	69	69	69	81	84	85	85	90	93	86	63	73	73	65
21	****	81	64	51	49	47	42	38	39	49	54	59	63	69	71	67	63	52	45	56	65	64	57	42	58
22	37	36	36	36	35	40	39	37	****	38	40	41	41	42	44	44	44	46	****	37	29	14	3	17	35
23	14	13	15	15	16	17	20	21	22	23	25	27	29	30	30	31	29	26	24	19	18	20	13	12	21
24	8	5	4	4	5	4	9	14	21	27	30	33	35	36	35	33	33	34	36	37	26	24	22	21	22
25	25	27	28	26	21	17	13	20	28	38	59	65	67	65	67	63	58	57	56	52	47	52	49	49	44
26	46	48	52	55	56	52	45	42	47	50	49	50	65	63	54	53	52	50	45	46	39	39	33	31	48
27	30	17	27	28	22	18	16	21	25	36	55	65	77	79	79	72	50	46	46	51	50	49	47	46	44
28	47	41	39	42	40	39	33	32	32	26	30	29	31	39	-	-	63	64	52	45	-	-	-	33	40
29	30	31	25	29	39	40	43	43	43	46	46	52	52	52	54	60	65	60	60	58	31	51	71	60	48
30	51	53	43	32	25	22	28	34	32	34	35	36	36	35	34	35	36	33	31	25	25	14	10	9	31
31	8	7	8	****	6	5	18	8	14	25	34	40	43	40	43	51	53	51	49	44	36	31	28	22	29
MEAN	28	28	26	25	23	22	23	26	30	36	41	43	46	48	49	49	48	47	45	42	37	34	32	31	35.7

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	16	11	11	12	11	16	31	41	****	44	****	48	53	66	69	70	87	87	****	****	****	49	47	42
2	42	38	38	38	37	28	****	35	43	42	50	47	44	48	43	40	38	37	35	30	28	31	33	27	36
3	19	12	20	23	27	26	24	28	29	37	45	52	54	52	48	45	41	37	36	29	18	10	12	8	31
4	6	7	6	5	5	7	6	11	16	26	31	39	43	40	44	49	54	55	55	49	34	26	19	18	27
5	17	15	20	18	17	15	14	16	18	20	26	35	41	58	71	74	46	32	31	25	26	25	25	29	30
6	28	28	26	28	27	23	22	25	35	47	54	59	****	61	66	65	63	66	57	57	62	55	49	47	46
7	46	43	50	52	41	30	23	30	40	46	55	62	66	70	73	74	77	-	75	69	63	56	42	49	54
8	47	47	40	28	30	27	23	36	45	62	68	77	60	53	48	62	73	78	81	73	69	58	44	30	52
9	****	31	29	29	28	27	25	29	31	34	35	36	39	38	41	37	35	33	30	22	18	12	12	13	29
10	10	9	12	10	8	10	10	14	17	24	28	29	27	31	29	26	28	30	26	25	24	23	22	17	20
11	14	15	16	****	14	12	11	11	18	23	29	38	38	****	42	52	****	****	****	****	****	****	36	39	26
12	40	36	****	****	****	****	28	30	30	32	35	36	37	37	34	34	34	34	32	29	25	20	16	****	32
13	****	10	9	10	11	12	14	12	****	19	24	29	33	****	30	40	32	****	****	18	****	****	9	4	19
14	7	22	25	30	26	28	****	****	40	35	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15	****	****	****	****	****	****	****	****	****	23	25	27	28	27	29	28	26	24	20	18	22	16	15	14	******
16	12	13	12	12	14	14	13	14	18	20	23	26	28	30	34	39	39	36	32	19	17	8	5	7	20
17	7	3	12	13	9	8	7	8	11	22	31	35	35	33	31	29	25	27	27	25	23	24	22	19	20
18	21	21	23	20	16	12	10	16	15	14	14	13	****	21	32	45	48	49	46	37	44	48	50	46	29
19	44	43	42	39	34	29	25	23	26	38	43	44	46	44	46	51	50	49	41	33	33	35	34	33	39
20	18	13	18	27	29	15	16	27	27	39	43	51	55	54	52	53	55	63	61	50	33	28	25	22	36
21	19	18	-	****	16	16	17	18	19	27	31	38	52	68	71	69	68	64	66	59	54	49	47	50	43
22	48	46	45	42	35	30	33	32	33	34	33	30	31	40	43	47	52	50	45	41	36	23	21	17	37
23	12	13	18	11	6	4	11	16	25	35	40	46	57	62	60	63	62	59	53	41	39	25	27	29	34
24	30	23	17	10	4	4	8	14	20	28	33	38	41	49	44	44	40	39	22	6	16	11	8	14	23
25	13	12	13	10	12	9	6	15	40	46	54	53	52	52	50	50	52	55	53	41	38	34	45	43	35
26	40	37	39	27	44	30	29	-	44	****	****	****	65	81	82	77	80	82	76	66	59	57	56	50	56
27	52	56	55	61	57	55	48	38	48	56	61	70	76	76	79	81	77	78	72	62	56	60	69	59	63
28	69	61	54	32	20	14	18	21	21	20	20	19	16	17	16	15	16	17	16	16	20	11	10	10	23
29	8	8	7	6	4	3	4	5	12	22	37	56	70	75	78	81	83	70	55	42	35	28	24	20	35
30	15	14	12	13	16	16	12	17	35	43	49	50	53	55	73	****	****	25	62	54	54	52	56	42	37
31	38	30	30	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	27	25	25	24	21	18	18	21	28	33	38	42	46	49	50	51	51	49	48	38	36	32	30	29	34.4

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 8.1 PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -.													
4												- DATA INVALID -													
5	34	33	34	31	31	25	11	32	40	42	45	48	50	48	48	44	45	45	40	18	21	45	50	53	38
6	40	40	47	42	40	25	25	27	37	49	61	62	57	49	45	39	33	29	24	21	19	13	9	6	35
7	6	4	5	6	7	7	9	13	23	28	31	31	33	35	39	40	40	40	31	21	31	38	27	28	24
8	21	15	12	9	3	2	4	9	12	20	36	45	50	55	60	63	62	60	45	36	37	39	46	43	33
9	50	46	41	39	38	32	24	23	33	****	54	55	55	53	53	55	33	16	19	21	19	19	16	19	36
10	19	18	19	20	20	20	18	18	22	26	28	30	31	33	33	34	35	36	34	22	16	21	25	29	25
11	27	23	21	16	13	13	14	22	30	34	38	43	48	56	60	60	60	60	60	53	48	48	41	34	38
12	29	26	25	21	18	15	14	13	16	16	18	19	18	18	21	18	17	16	15	15	18	17	20	20	19
13	16	14	13	13	12	11	12	11	11	12	13	12	12	13	14	12	9	12	13	6	12	39	46	53	16
14	45	41	43	44	43	43	45	41	41	40	48	48	44	37	35	36	30	27	21	16	16	18	14	15	35
15	12	11	11	9	9	7	7	10	9	11	16	21	26	29	31	35	37	31	23	23	23	22	16	15	19
16	13	11	7	8	8	10	14	16	21	21	26	27	26	31	33	36	28	28	27	23	23	28	32	29	22
17	23	23	25	21	27	29	25	30	33	32	****	23	23	26	27	27	29	28	23	18	13	15	16	15	24
18	16	16	15	12	10	13	16	18	24	23	25	29	33	31	26	24	21	31	21	12	9	26	21	27	21
19	29	28	28	28	26	19	19	18	21	25	28	33	37	42	50	52	53	48	35	40	35	49	54	50	35
20	43	35	23	26	21	14	16	23	30	40	50	57	60	68	73	76	71	59	48	28	27	19	28	32	40
21	38	45	41	43	35	33	25	23	26	31	32	40	56	62	68	71	70	66	63	63	58	51	48	41	47
22	34	30	26	24	18	15	8	13	22	25	25	25	25	30	40	50	50	45	44	36	31	26	30	31	29
23	29	31	22	20	16	15	14	14	15	16	16	16	18	21	23	25	23	21	13	7	11	10	12	14	18
24	13	12	11	11	9	8	5	6	11	11	18	21	31	35	39	40	40	37	21	17	15	12	11	10	19
25	8	5	4	4	3	2	1	6	5	6	13	26	32	43	54	54	55	46	35	34	39	36	35	38	24
26	33	29	26	23	20	20	18	18	21	22	23	24	25	26	26	26	27	26	23	19	14	13	8	5	21
27	9	6	9	9	9	-	4	11	22	24	26	27	28	28	28	30	28	27	24	25	23	21	18	18	20
28	22	16	12	10	9	9	9	12	21	23	26	29	32	35	38	38	34	30	21	21	12	23	20	7	21
29	0	0	0	1	6	9	11	13	16	21	29	41	46	50	45	46	55	42	35	44	38	41	38	45	28
30	50	43	30	27	21	16	8	13	18	28	34	39	41	49	51	-	48	39	13	26	33	36	40	39	32
MEAN	25	23	21	20	18	16	14	17	22	25	30	34	36	39	41	41	40	36	30	26	24	28	28	28	27.6

PERCENTAGE OF DATA VALID - 86.1 PERCENTAGE OF DATA INVALID - 13.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	36	35	27	18	16	16	16	23	26	29	34	44	55	60	64	61	57	52	50	44	38	31	26	37
2	38	37	35	35	32	32	32	23	25	28	28	31	33	33	35	-	34	28	24	11	8	11	6	3	26
3	4	****	6	1	20	24	26	16	21	19	17	24	30	32	33	36	33	28	16	25	23	25	13	9	21
4	6	5	4	7	9	12	14	17	16	15	15	16	18	19	20	20	20	19	18	18	16	17	19	19	15
5	18	16	16	16	13	12	12	12	18	22	23	23	24	23	23	21	21	17	11	8	7	4	3	5	15
6	2	2	6	7	5	1	1	3	15	21	24	26	26	26	22	28	31	-	26	31	34	27	24	28	18
7	28	26	24	20	18	18	14	13	15	24	33	36	35	35	32	31	33	35	23	13	18	23	31	31	25
8	28	22	23	19	16	19	26	31	35	-	-	47	53	56	58	60	56	56	45	37	25	23	23	21	36
9	17	16	13	13	15	16	16	16	18	21	23	24	28	28	28	30	28	18	18	16	13	13	14	11	19
10	4	1	0	1	5	11	11	13	16	19	23	21	13	25	32	33	31	20	18	15	14	11	9	8	15
11	6	10	10	12	10	13	14	15	11	11	13	12	14	18	19	17	16	13	13	11	9	9	9	12	12
12	16	18	18	17	18	18	17	16	15	15	15	16	20	21	19	18	19	21	24	23	21	21	21	18	19
13	16	17	21	23	21	18	19	21	22	23	24	27	26	26	26	24	23	28	25	25	25	25	23	20	20
14	17	18	14	13	11	9	6	9	9	14	23	26	27	26	24	23	28	26	25	25	25	25	23	20	20
15	18	18	18	21	18	16	10	8	16	18	22	23	25	25	26	23	13	9	11	14	13	13	12	11	17
16	9	6	5	6	5	5	1	0	1	4	7	8	7	9	6	7	4	1	0	1	0	1	3	4	4
17	2	1	0	1	7	14	26	29	35	38	39	42	46	48	43	39	38	38	38	35	33	31	30	28	28
18	28	24	22	21	19	19	18	18	23	25	24	28	28	29	29	28	30	29	29	28	28	25	24	21	25
19	18	24	22	22	23	21	18	18	18	20	21	21	20	17	17	22	21	21	17	16	18	13	15	16	19
20	18	20	21	18	19	19	16	18	24	25	25	26	26	22	19	22	23	17	9	16	11	13	16	15	19
21	16	16	19	23	25	24	21	19	21	22	23	24	25	26	26	27	26	23	20	16	16	14	16	16	21
22	16	11	11	9	10	12	7	4	6	13	21	26	27	26	26	24	23	21	15	15	17	17	15	13	16
23	13	14	14	5	1	1	1	4	12	19	23	24	26	28	28	28	22	18	20	21	18	12	6	5	15
24	4	4	5	7	8	9	7	9	20	24	23	26	26	27	26	17	18	17	18	23	24	23	23	23	17
25	22	21	21	23	24	26	24	21	20	19	-	7	8	7	9	10	12	14	14	16	17	14	16	18	17
26	-	18	16	14	15	16	16	18	19	21	21	23	24	24	24	25	23	23	24	24	25	26	26	27	21
27	26	25	26	25	25	25	26	26	24	23	27	26	25	23	22	20	18	17	21	18	20	20	18	16	23
28	13	10	6	5	5	6	4	3	5	8	15	26	31	31	31	31	31	28	28	29	30	25	25	26	19
29	23	23	21	21	21	23	24	24	23	26	26	27	28	27	26	24	24	23	22	24	23	19	17	16	23
30	16	12	13	16	18	15	11	11	16	24	27	32	31	34	33	32	25	26	29	30	32	31	30	28	24
31	23	20	19	18	18	16	15	14	16	18	20	21	23	23	23	22	21	19	19	21	25	23	21	18	20
MEAN	17	16	16	15	15	16	15	15	18	20	23	25	26	27	27	27	26	24	22	21	20	19	18	17	20.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	9	17	19	23	19	20	20	19	21	22	26	25	26	25	26	26	25	23	23	25	25	20	22
2	17	18	21	23	21	18	21	23	25	27	31	33	34	34	34	34	31	26	25	13	13	19	16	26	24
3	30	23	13	-	16	14	13	13	18	17	14	13	13	13	13	16	21	26	40	42	42	43	39	40	23
4	37	34	35	38	37	34	27	25	21	19	17	14	9	7	7	6	11	12	11	16	23	21	18	21	21
5	26	24	22	22	21	21	21	19	17	19	21	22	21	21	23	22	21	21	21	20	12	1	3	6	19
6	8	13	16	17	13	9	9	13	18	24	26	24	33	-	-	19	18	15	16	12	7	11	9	9	15
7	10	9	9	9	9	10	11	10	15	15	18	22	-	29	28	24	21	20	17	18	7	5	8	12	15
8	16	16	14	13	16	19	20	20	19	21	22	23	24	17	9	13	-	-	11	8	10	9	6	4	15
9	8	1	1	2	3	3	6	13	20	23	24	26	24	21	20	19	18	17	14	16	13	7	11	7	13
10	10	16	21	21	20	20	20	20	21	23	28	26	26	26	27	28	27	28	27	27	29	29	27	26	24
11	24	24	25	24	24	25	25	25	24	25	25	25	25	26	25	25	24	22	22	23	24	24	23	22	24
12	21	22	21	22	21	19	18	16	16	20	21	23	24	25	27	22	18	17	16	10	6	8	4	****	18
13	****	****	7	4	****	0	1	4	9	9	15	16	18	18	15	15	16	20	19	12	14	14	14	23	13
14	23	10	4	7	6	3	5	5	5	6	11	20	25	28	28	26	25	22	24	19	15	16	20	18	15
15	15	13	9	11	14	13	13	14	19	31	33	32	33	31	30	24	20	19	21	22	22	24	24	20	21
16	16	18	21	22	21	20	16	14	18	21	25	28	29	29	30	28	26	22	20	4	9	13	12	10	20
17	13	14	18	20	19	21	14	17	20	16	-	20	19	17	16	18	20	19	16	13	13	10	8	8	16
18	****	4	13	18	18	23	23	21	24	29	29	30	31	31	27	24	26	22	24	27	26	25	24	27	24
19	26	24	22	24	20	17	11	9	12	19	20	15	22	23	21	18	10	14	15	8	10	11	8	4	16
20	2	2	4	4	2	0	0	1	3	****	****	13	20	21	19	28	25	16	13	23	20	24	20	18	13
21	16	9	5	5	5	11	12	11	11	12	13	11	9	11	13	15	16	20	21	20	20	20	20	21	14
22	20	19	17	16	10	9	6	4	8	14	20	23	24	20	20	20	14	14	13	17	17	16	14	13	15
23	15	13	9	10	7	8	3	1	2	6	7	9	11	10	11	12	20	10	7	6	8	4	5	6	8
24	6	5	4	12	11	9	8	7	4	6	****	7	8	8	9	6	11	11	9	11	11	12	13	18	9
25	21	22	23	24	25	25	25	24	23	24	25	26	27	28	31	32	32	30	26	25	23	22	19	15	25
26	16	14	13	11	10	13	7	4	8	13	20	25	26	26	24	23	18	14	14	14	14	16	12	9	15
27	-	7	5	1	4	4	3	6	10	11	14	16	22	23	24	25	24	25	28	27	23	18	16	16	15
28	16	15	13	11	11	12	9	5	3	5	6	7	11	16	13	6	3	1	10	12	10	7	7	6	9
29	2	2	13	23	23	20	19	19	20	22	24	26	26	27	28	25	21	21	23	26	23	22	20	18	21
30	20	19	14	13	13	13	15	18	17	19	26	25	23	22	19	20	24	25	23	22	20	20	20	21	20
MEAN	17	15	14	15	15	15	13	13	15	18	21	21	22	22	21	21	20	19	19	18	17	17	16	16	17.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	19	16	12	12	10	9	10	11	13	16	****	****	24	21	17	5	9	15	11	6	7	4	13
2	1	2	1	0	0	0	10	26	27	31	****	29	29	29	15	4	15	17	20	24	26	28	30	31	17
3	32	33	33	34	34	34	35	34	33	33	34	34	34	34	34	33	32	32	31	30	30	29	25	24	32
4	25	22	14	16	22	18	16	13	10	16	25	31	****	32	32	29	28	27	23	25	25	-	22	20	22
5	17	15	21	25	13	11	18	23	19	20	23	26	24	28	31	31	29	23	22	20	18	18	18	18	21
6	23	25	16	19	16	13	12	12	12	13	13	15	14	13	14	12	10	15	17	14	14	10	9	5	14
7	1	0	0	0	0	0	0	0	1	1	2	2	3	12	17	15	15	13	12	11	11	12	10	7	6
8	8	9	9	8	10	10	10	11	17	22	19	20	20	21	22	17	3	0	2	6	11	19	20	19	13
9	20	23	27	26	26	27	28	19	11	24	27	29	28	27	26	23	21	19	18	21	-	-	17	13	23
10	10	7	10	18	23	26	25	23	23	24	24	****	26	24	25	21	****	****	20	25	27	29	31	31	22
11	31	30	29	27	23	20	20	24	25	29	31	30	31	31	31	30	20	22	8	8	-	-	-	4	24
12	8	7	4	1	2	4	7	5	9	11	12	10	8	7	8	8	8	7	5	7	5	1	7	10	7
13	13	12	12	12	9	9	20	22	25	24	22	22	26	30	32	32	31	30	27	19	24	21	21	22	22
14	25	23	21	18	18	18	20	24	26	26	31	31	31	32	32	32	31	30	13	23	22	21	16	18	24
15	25	25	23	23	23	26	25	18	2	15	21	22	23	****	****	19	12	15	****	15	13	1	1	1	17
16	1	1	1	1	9	12	11	12	13	14	15	16	20	24	24	23	21	19	19	20	20	23	25	23	15
17	21	21	21	23	23	22	19	15	15	21	22	24	26	27	29	29	25	24	19	20	****	16	15	19	22
18	18	13	10	8	8	6	5	5	9	20	30	31	30	29	27	22	24	25	21	19	20	-	-	-	18
19	25	23	26	28	29	29	29	30	29	29	29	30	-	-	29	28	26	22	19	21	19	17	17	19	25
20	19	19	17	17	18	18	19	20	21	22	25	27	28	29	30	31	30	28	23	24	20	18	20	22	23
21	24	23	22	19	18	17	17	18	18	21	25	28	29	30	30	28	26	17	20	22	10	12	16	10	21
22	10	7	11	13	12	11	5	0	0	2	7	11	18	23	24	23	18	15	13	6	2	0	0	0	10
23	0	0	0	0	0	0	0	0	3	8	12	15	15	17	15	13	10	13	****	7	5	5	5	3	6
24	1	1	1	0	0	0	0	0	1	7	17	26	32	31	31	30	30	30	30	30	30	28	28	27	17
25	26	24	23	23	22	18	11	10	13	16	23	28	30	33	33	32	28	30	29	25	21	19	22	26	24
26	25	21	21	22	19	22	18	15	19	23	24	24	23	23	21	21	17	16	18	17	14	12	12	9	19
27	6	4	1	0	0	0	0	1	8	13	16	13	15	22	20	20	17	17	15	13	7	1	0	0	9
28	0	0	0	0	0	1	7	2	7	14	19	21	20	20	19	13	5	0	0	0	0	0	1	5	6
29	5	10	12	10	10	10	4	0	3	7	12	12	12	13	10	7	3	1	1	3	2	8	11	13	7
30	15	15	17	18	20	22	22	23	22	****	21	22	23	24	24	22	16	2	0	0	2	1	0	0	14
31	0	0	0	0	0	1	9	13	13	17	22	26	29	29	30	28	26	22	19	21	17	14	14	-	18
MEAN	15	14	14	14	14	13	14	14	14	18	21	22	23	25	25	22	20	18	16	16	15	14	14	14	17.0

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	17.0	26	32
FEB	27	24.0	31	39
MAR	26	26.8	40	54
APR	30	27.8	41	72
MAY	30	32.6	50	84
JUN	30	36.7	72	95
JUL	31	35.7	66	99
AUG	28	34.4	63	87
SEP	26	27.6	47	76
OCT	31	20.2	37	64
NOV	30	17.4	25	43
DEC	31	17.0	32	35
YEAR	351	26.3	72	99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	144	582	10	0	0	0	0	0	736
FEB	51	440	157	0	0	0	0	0	648
MAR	31	393	238	2	0	0	0	0	664
APR	35	390	256	20	0	0	0	0	701
MAY	26	313	291	83	4	0	0	0	717
JUN	13	293	214	131	15	0	0	0	666
JUL	90	208	257	156	17	0	0	0	728
AUG	52	268	205	127	9	0	0	0	661
SEP	66	320	186	48	0	0	0	0	620
OCT	110	543	72	12	0	0	0	0	737
NOV	154	520	30	0	0	0	0	0	704
DEC	196	472	51	0	0	0	0	0	719
YEAR	968	4742	1967	579	45	0	0	0	8301

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.5	0	9.0	17.6	23.7	30.5	45.4	56.1	67.7	74.4	99	26.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	23	21	21	19	19	20	20	21	21	22	22	22	23	23	23	21	21	21	21	21	21	22
2	21	19	15	5	0	0	0	8	8	13	10	12	12	10	8	-	7	3	1	0	5	8	11	13	8
3	18	21	22	18	18	18	18	18	18	19	21	22	24	24	24	23	23	23	23	22	22	17	14	11	20
4	10	4	10	11	8	8	7	7	12	16	16	21	18	18	18	18	19	18	16	13	10	9	6	5	12
5	5	4	8	11	6	2	11	16	19	19	21	22	23	26	27	23	25	29	25	16	18	20	18	15	17
6	16	16	13	11	3	1	0	0	5	10	12	20	24	25	26	31	31	25	21	15	4	7	9	10	14
7	11	10	10	12	15	18	18	18	12	13	15	16	15	15	15	16	16	16	17	19	17	15	13	13	15
8	14	14	14	15	15	16	17	16	17	16	17	18	16	13	17	17	18	17	17	17	18	16	15	13	16
9	10	10	13	13	14	18	19	19	21	23	23	24	25	-	27	26	25	24	17	15	15	17	17	16	19
10	16	16	16	18	17	18	16	15	14	15	16	19	23	23	23	22	21	18	18	8	6	6	6	7	16
11	7	9	10	11	12	13	16	19	19	19	18	17	18	17	19	23	21	20	23	25	26	22	19	18	18
12	17	16	19	17	18	18	19	20	19	19	19	19	21	21	22	22	22	22	19	21	22	22	22	22	20
13	21	16	14	12	11	8	3	3	5	10	13	19	22	21	21	20	20	19	18	17	16	15	14	12	15
14	9	11	11	12	11	9	6	6	8	9	9	10	11	17	21	21	18	18	17	19	19	11	8	9	13
15	6	7	11	22	25	26	25	25	21	14	16	20	-	18	16	19	21	22	19	20	18	9	10	14	18
16	9	9	9	7	6	5	9	8	8	9	11	10	11	9	11	14	9	4	4	5	5	4	5	6	8
17	6	10	15	13	15	16	16	14	13	12	12	10	10	9	9	6	12	10	4	4	6	3	5	4	10
18	3	2	2	1	0	0	2	4	4	6	7	8	8	-	7	4	4	1	0	1	10	12	15	16	5
19	16	15	14	14	14	14	14	18	20	19	13	15	14	14	14	17	18	17	19	13	15	17	15	19	16
20	23	25	26	24	24	24	23	20	18	19	21	26	28	28	26	28	28	28	27	26	24	24	23	23	25
21	24	23	18	17	18	21	22	19	14	14	16	18	20	21	18	18	17	13	11	8	13	16	16	15	17
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23	15	15	17	22	22	22	23	23	24	23	23	24	26	26	26	25	24	24	24	25	25	25	24	24	23
24	26	26	26	25	25	25	25	25	25	26	26	27	-	-	28	27	27	20	21	21	23	23	23	21	25
25	21	21	20	19	19	18	15	12	11	13	9	11	19	18	18	17	16	17	15	10	12	16	20	22	16
26	14	14	14	15	16	20	24	23	24	26	26	28	31	31	31	32	32	33	31	29	25	26	25	25	25
27	28	29	30	30	30	29	29	28	28	29	29	27	30	31	30	30	30	29	29	28	23	16	18	17	27
28	13	16	22	24	27	27	26	26	26	26	26	27	25	-	-	27	24	22	23	24	22	19	20	19	23
29	15	17	19	17	17	17	16	15	12	15	16	19	-	27	29	29	27	28	27	25	23	21	20	22	21
30	24	22	17	19	21	22	22	24	28	29	29	31	30	31	31	31	31	31	27	27	26	27	24	23	26
31	24	23	22	22	23	24	23	24	25	26	26	-	30	30	31	31	32	31	29	29	28	27	27	28	27
MEAN	15	16	16	16	16	16	16	16	16	17	18	19	20	21	21	22	21	20	19	17	17	16	16	16	17.6

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

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3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	26	24	26	27	27	27	26	28	28	29	30	30	31	30	30	29	28	27	25	24	23	24	27
2	21	21	21	21	22	22	22	23	24	25	27	28	29	29	30	31	31	29	28	27	27	23	23	24	25
3	22	24	22	22	26	25	24	23	25	28	29	30	31	32	33	33	32	31	30	30	29	27	27	27	28
4	27	27	27	26	25	26	24	22	24	27	28	29	30	-	-	34	34	33	31	29	27	25	25	24	27
5	21	18	15	19	20	18	17	17	18	20	27	30	31	26	30	31	32	30	24	20	19	20	21	25	23
6	22	12	12	14	6	16	9	7	13	16	18	23	25	27	29	25	13	8	16	4	3	6	17	20	15
7	30	30	29	6	1	2	7	10	14	18	22	26	29	29	29	31	31	30	30	29	29	27	25	24	22
8	25	26	25	23	21	17	18	17	19	22	27	29	31	32	33	34	34	33	31	29	26	25	23	21	26
9	21	22	23	22	19	19	18	18	17	20	23	29	32	34	35	36	35	33	32	32	31	30	28	27	27
10	27	26	24	23	21	21	19	20	22	23	27	29	30	31	32	33	33	33	34	35	34	29	23	17	27
11	16	12	10	10	12	15	16	22	27	29	30	31	35	40	40	41	39	38	33	30	28	26	27	25	28
12	24	23	22	21	21	21	22	28	26	26	28	30	33	35	39	43	44	35	34	31	29	33	41	39	30
13	42	38	36	36	33	28	17	16	19	21	25	29	30	32	33	31	28	29	28	26	25	20	14	8	27
14	2	11	13	14	17	11	11	11	13	17	-	-	-	-	47	45	43	39	34	27	29	28	26	24	23
15	23	25	27	27	21	27	25	26	30	31	30	34	37	38	39	39	41	42	39	28	23	26	25	25	30
16	26	25	28	27	30	23	6	11	19	21	28	32	37	40	41	42	42	41	39	36	32	26	22	26	29
17	25	25	26	27	27	27	26	27	28	28	29	30	32	32	32	35	35	35	38	40	38	38	38	34	31
18	30	30	24	23	25	22	20	20	22	22	26	28	29	34	39	39	37	39	37	32	32	27	23	15	28
19	9	11	6	7	10	12	13	13	16	19	22	-	33	34	35	39	39	39	39	35	30	30	31	41	24
20	40	40	40	39	35	32	32	36	37	35	33	34	35	35	37	39	38	38	39	38	37	34	32	31	36
21	29	28	25	22	21	20	21	21	23	26	31	41	51	58	59	64	64	62	55	51	38	30	29	28	37
22	31	31	31	27	27	27	28	26	25	22	21	19	18	20	29	25	18	11	5	15	22	24	28	31	23
23	32	32	33	34	34	33	33	32	31	32	33	36	38	40	41	40	42	42	41	41	39	35	33	30	36
24	19	19	12	7	7	9	6	10	23	29	31	32	33	32	32	31	28	28	28	26	23	19	20	22	22
25	23	23	22	22	23	22	23	27	32	31	34	36	34	39	-	-	23	28	21	31	32	30	29	27	28
26	27	26	26	27	26	25	25	23	23	24	24	25	26	26	27	29	30	24	24	27	29	28	29	22	26
27	19	17	14	12	16	19	16	13	14	16	20	24	31	32	34	35	36	35	34	32	31	30	30	28	25
28	27	27	27	26	25	24	25	26	25	19	21	26	28	31	34	34	34	33	31	31	29	26	27	26	28
29	26	27	26	23	23	21	21	21	22	22	22	24	26	26	26	26	25	24	24	23	22	****	23	23	24
MEAN	25	24	23	22	21	21	20	20	23	24	27	29	32	33	35	36	34	33	31	30	28	27	26	25	27.0

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	19	15	16	15	12	12	17	22	24	26	28	29	30	32	33	33	33	31	30	30	29	26	24
2	23	20	19	18	19	16	17	19	22	22	21	22	23	25	31	34	35	34	26	31	36	36	36	31	26
3	29	25	10	2	6	13	19	19	30	35	37	38	-	-	40	41	42	42	42	40	35	35	35	30	29
4	30	29	24	20	17	15	15	17	21	24	27	29	35	41	42	45	47	46	44	43	43	42	42	42	33
5	40	39	42	40	36	30	24	25	26	33	37	38	40	39	40	52	56	53	49	47	43	42	41	40	40
6	37	37	34	35	34	30	27	28	30	33	35	35	39	42	45	46	48	46	45	44	44	42	41	40	38
7	39	38	37	34	32	30	28	28	31	35	41	43	46	51	56	60	61	59	57	54	51	43	27	45	43
8	30	24	23	25	26	23	19	24	32	32	37	38	44	43	46	46	28	37	46	47	49	49	49	51	36
9	49	46	45	44	43	40	39	31	29	39	45	48	50	56	64	74	73	71	67	63	62	61	58	49	52
10	39	39	39	38	38	38	38	38	38	40	41	44	46	48	49	54	54	54	50	50	50	53	51	48	45
11	45	42	40	38	35	33	32	33	32	33	34	34	35	35	36	-	38	38	37	36	33	31	30	29	35
12	30	30	30	28	26	24	26	28	28	28	29	31	32	25	27	33	41	41	38	28	27	26	26	27	30
13	29	31	30	29	30	31	30	30	32	32	33	33	36	35	35	35	34	34	33	31	32	31	31	31	32
14	31	32	31	25	14	11	24	31	35	36	37	39	40	43	44	45	45	46	45	44	42	41	39	36	36
15	35	33	32	31	30	29	29	28	27	27	29	31	33	37	40	40	40	41	41	37	38	36	36	38	34
16	36	36	32	30	28	29	19	14	17	22	26	29	34	35	35	37	41	41	40	38	34	34	31	37	31
17	43	42	39	38	33	34	30	35	32	34	35	33	35	34	33	32	33	35	37	40	44	47	45	44	37
18	44	43	42	41	41	40	38	37	37	39	42	45	50	50	50	49	54	56	55	55	52	48	46	44	46
19	42	33	26	16	14	12	14	22	26	29	33	37	45	51	57	65	68	70	68	60	50	43	39	37	40
20	31	30	30	28	26	25	27	30	34	38	43	-	-	35	41	46	46	44	46	46	46	47	50	42	38
21	38	37	31	29	26	26	28	28	26	25	24	18	21	31	33	31	32	31	31	31	30	29	29	29	29
22	29	28	28	27	28	28	28	27	27	27	28	29	29	30	30	31	32	31	31	31	29	28	27	26	29
23	25	25	24	25	26	30	30	31	32	33	32	30	31	33	36	38	39	40	35	35	34	35	35	30	32
24	32	27	10	9	12	15	20	21	22	22	25	29	31	31	30	28	27	25	24	29	29	28	21	21	24
25	13	8	26	33	34	31	29	27	30	34	32	34	35	34	34	34	34	33	32	32	31	32	31	31	30
26	29	30	30	30	29	32	31	30	28	29	32	35	39	39	39	39	39	40	40	40	38	37	31	24	34
27	31	33	25	19	16	13	9	12	23	29	-	-	41	41	45	50	50	52	52	49	48	43	39	35	34
28	34	30	21	23	22	18	15	14	14	22	29	32	27	27	34	40	43	44	43	41	41	40	39	35	30
29	31	30	28	30	28	28	29	22	28	30	31	32	29	31	32	34	34	36	41	42	43	43	40	44	33
30	41	33	22	28	25	20	19	24	25	28	35	38	45	48	50	50	43	46	44	42	36	38	37	39	36
31	40	40	38	33	31	30	28	30	30	29	28	28	29	27	27	29	31	28	28	28	34	32	27	24	30
MEAN	34	32	29	28	26	25	25	26	28	30	33	34	36	38	40	42	43	43	42	41	40	39	37	36	34.4

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	30	31	30	30	23	23	24	25	26	25	25	25	-	-	-	11	12	14	15	16	18	19	19	22
2	21	19	18	17	16	16	15	15	16	15	14	12	13	12	12	12	16	28	38	36	35	28	22	23	20
3	25	27	20	17	18	17	17	18	21	25	28	30	31	35	37	38	32	31	30	30	29	24	21	17	26
4	21	23	23	20	20	21	23	23	24	26	30	32	32	30	22	23	30	33	34	34	34	34	33	34	27
5	34	33	32	30	26	23	22	23	26	27	23	24	26	27	30	33	34	34	34	38	41	42	42	41	31
6	38	27	22	19	14	19	25	25	26	27	28	30	34	35	37	38	40	43	51	53	43	34	24	23	32
7	21	21	19	18	19	32	36	35	30	31	35	40	43	42	41	41	44	54	57	50	45	49	56	50	38
8	51	45	41	41	38	35	35	38	40	50	52	49	49	55	54	49	51	53	53	51	50	56	55	54	48
9	53	52	51	45	46	44	42	38	36	34	37	36	34	33	35	37	38	37	35	37	37	36	31	27	39
10	28	29	30	30	31	23	24	28	28	28	29	-	-	-	34	34	32	30	30	30	28	27	29	29	29
11	29	28	27	28	27	27	29	28	26	27	30	-	-	25	25	27	26	34	37	35	34	31	31	32	29
12	31	32	34	35	28	23	21	21	24	25	23	23	23	29	31	28	25	34	34	30	30	30	33	29	28
13	26	28	30	28	28	26	23	24	25	25	26	27	29	30	31	32	32	33	33	32	33	25	22	19	28
14	19	20	23	22	21	19	17	17	17	17	18	22	-	-	-	18	19	22	20	19	21	27	31	31	21
15	31	30	30	24	25	24	23	21	20	21	18	15	12	12	11	7	5	5	10	18	20	17	16	15	18
16	13	13	12	13	13	16	18	18	19	19	22	23	25	26	30	32	37	37	36	35	33	31	28	25	24
17	23	21	19	12	6	4	6	15	22	28	33	37	39	39	38	31	30	35	32	29	34	37	40	41	27
18	40	40	39	37	31	14	24	24	19	17	19	24	29	31	31	42	45	50	44	45	41	35	23	15	32
19	12	16	15	24	25	18	15	26	33	33	38	40	45	51	56	59	60	59	61	70	69	68	69	68	43
20	70	65	49	36	52	57	52	49	46	44	44	45	49	50	50	50	54	54	49	44	32	29	26	26	47
21	25	25	23	23	25	26	28	24	25	26	27	26	30	31	35	38	41	41	39	38	38	36	34	32	31
22	30	27	28	25	23	36	35	33	31	28	32	36	41	39	44	-	-	41	43	36	24	19	20	22	32
23	29	29	30	32	31	29	25	23	22	20	19	22	27	29	31	30	26	27	28	30	30	29	29	31	27
24	33	31	24	27	29	31	30	29	26	21	25	28	32	33	34	36	36	37	36	36	34	27	26	24	30
25	22	22	19	18	16	11	14	17	20	22	23	25	35	40	46	40	35	38	41	35	33	33	33	32	28
26	29	22	21	30	29	19	22	20	18	18	19	23	27	33	51	57	54	54	49	44	45	46	42	35	34
27	32	35	37	34	31	29	19	17	19	23	27	32	40	40	39	37	39	37	35	32	30	27	21	22	31
28	22	22	21	17	15	14	14	11	10	12	13	15	13	27	5	8	11	15	13	8	6	5	6	8	13
29	4	4	4	7	7	7	6	5	4	6	7	12	11	11	13	10	10	15	15	16	16	17	18	16	10
30	16	18	18	16	17	18	19	19	19	21	20	21	28	30	31	34	36	37	38	39	37	38	32	36	47
MEAN	29	28	26	25	25	23	23	24	24	25	26	28	30	32	33	33	33	36	36	35	33	32	30	29	29.0

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	38	37	30	31	32	32	33	34	36	37	39	-	-	24	26	31	44	50	54	54	39	27	16	35
2	37	31	21	15	15	8	8	8	12	14	13	16	23	29	33	34	45	59	52	41	38	42	45	46	29
3	63	72	75	74	62	65	59	56	57	45	39	38	37	41	66	70	79	76	75	66	36	31	31	31	56
4	33	32	33	30	31	29	30	29	29	28	31	39	44	50	47	48	49	48	47	46	46	47	48	47	39
5	46	48	50	50	48	44	35	36	36	36	36	38	42	46	54	70	61	67	-	-	-	-	-	-	47
6	41	33	28	23	23	23	20	20	20	20	22	25	37	41	40	42	46	48	45	46	45	46	41	31	34
7	44	46	42	35	37	37	34	32	32	29	27	27	35	42	46	40	41	39	27	25	25	27	28	29	34
8	30	30	30	31	29	26	27	30	30	30	-	-	35	35	28	29	26	27	27	23	23	23	24	23	28
9	23	22	19	14	10	14	21	23	26	30	34	35	37	38	44	43	35	37	41	43	43	33	32	35	31
10	44	38	23	16	24	36	32	27	28	29	31	33	38	46	52	50	49	60	58	64	65	64	60	56	43
11	57	68	68	68	67	67	61	63	64	64	71	68	56	56	59	62	67	66	67	67	63	44	37	35	61
12	36	41	37	35	37	37	28	21	23	30	35	37	36	41	43	40	37	36	37	33	33	32	33	26	34
13	25	28	31	33	34	31	33	35	33	34	34	35	41	42	46	49	50	44	44	43	48	53	40	36	38
14	43	46	37	30	23	20	36	38	37	37	36	31	30	30	31	32	34	37	40	38	34	29	28	26	33
15	30	29	25	25	23	23	25	26	25	26	27	28	32	35	44	52	48	47	44	41	38	32	29	28	33
16	31	27	27	29	23	16	28	32	34	37	41	-	-	****	****	****	****	****	****	****	****	****	****	****	******
17												-	DATA INVALID -												
18												-	DATA INVALID -												
19												-	DATA INVALID -												
20												-	DATA INVALID -												
21												-	DATA INVALID -												
22	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	82	88	88	84	81	83	79	77	77	******
23	75	61	54	57	59	50	63	75	78	67	55	70	79	80	84	90	91	91	80	81	70	54	50	46	69
24	46	51	50	46	45	38	53	56	57	57	59	60	64	65	68	70	71	70	67	70	67	56	53	39	57
25	34	35	32	38	33	25	22	27	29	29	33	31	39	42	47	48	51	51	49	45	39	33	33	33	37
26	33	31	30	30	30	29	28	29	29	29	31	33	32	30	29	-	-	44	41	36	38	34	30	28	32
27	28	32	32	28	26	26	24	24	24	27	30	30	32	37	39	40	45	57	61	51	46	45	40	39	36
28	34	30	31	33	34	33	38	32	31	30	34	39	46	46	43	43	47	50	53	53	48	45	50	47	40
29	32	22	15	13	15	17	23	24	28	33	38	49	61	70	74	69	66	75	72	75	64	37	23	25	43
30	28	32	63	68	60	52	51	51	52	56	62	70	76	78	73	78	73	71	68	67	60	52	49	51	60
31	52	56	63	48	35	40	49	41	53	50	58	65	72	64	62	59	58	53	53	51	32	25	22	20	49
MEAN	39	39	38	36	34	33	34	35	36	36	38	41	45	47	49	53	54	55	53	52	47	42	39	36	42.0

PERCENTAGE OF DATA VALID - 78.5 PERCENTAGE OF DATA INVALID - 19.2 PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	20	22	23	24	26	26	28	30	32	34	35	35	34	34	30	30	32	36	26	13	15	21	27
2	25	26	23	21	19	21	20	20	21	21	-	-	34	37	44	51	60	58	53	47	48	45	44	44	36
3	42	36	41	38	34	37	36	35	33	24	16	20	32	34	39	39	38	37	31	28	27	27	24	23	32
4	21	20	20	19	19	16	20	25	30	30	34	38	35	39	-	-	46	39	41	43	41	39	34	21	30
5	16	22	25	27	28	27	24	24	25	28	34	40	48	51	53	50	53	46	51	56	55	59	57	53	40
6	44	40	28	36	45	42	34	38	44	43	45	-	41	44	50	64	70	80	75	54	50	48	42	39	48
7	44	40	37	40	41	42	43	43	43	47	42	45	53	54	53	50	57	72	82	83	75	77	79	85	55
8	90	96	99	101	94	89	84	76	67	67	67	66	68	70	74	79	84	87	87	86	84	79	75	74	81
9	74	75	75	76	72	71	70	71	78	83	89	93	58	29	31	****	****	****	****	****	****	****	****	****	******
10												-	DATA INVALID -												
11												-	DATA INVALID -												
12												-	DATA INVALID -												
13												-	DATA INVALID -												
14												-	DATA INVALID -												
15												-	DATA INVALID -												
16	****	****	****	****	****	****	****	****	****	****	****	-	22	33	37	37	39	41	37	30	29	28	25	24	******
17	23	22	18	12	12	18	21	23	26	31	30	31	37	38	39	40	41	46	50	52	49	48	48	42	33
18	35	37	37	34	34	34	34	34	38	41	44	53	67	72	71	75	86	91	90	89	84	78	61	63	58
19	45	44	42	35	24	24	36	61	71	62	61	65	68	70	74	75	74	72	60	52	55	58	63	47	56
20	27	27	27	29	34	37	36	35	30	29	29	33	-	-	45	42	41	41	41	39	34	33	32	30	34
21	29	29	30	29	31	31	33	34	35	35	43	59	70	76	71	72	73	71	69	68	58	55	60	61	51
22	56	57	50	40	30	25	28	30	32	35	39	46	52	69	90	102	103	105	105	103	98	87	82	75	64
23	68	52	58	61	61	60	56	56	56	63	69	78	90	102	108	105	103	103	93	95	97	93	94	96	80
24	92	86	65	61	44	49	46	54	58	62	69	77	83	93	99	99	99	110	114	108	118	105	101	96	83
25	83	78	74	64	66	47	60	69	57	51	57	67	79	81	88	75	73	72	73	68	68	69	72	78	70
26	77	63	64	68	64	32	22	25	40	44	53	-	-	****	****	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	****	****	****	-	52	53	51	51	53	68	66	61	64	68	35	******
28	15	13	13	8	10	15	17	17	18	23	40	23	24	27	32	33	36	35	33	33	27	26	33	33	24
29	31	29	26	23	23	23	17	17	19	23	26	45	59	61	60	63	63	64	63	50	38	33	35	34	39
30	31	31	29	27	27	27	28	27	27	27	26	28	30	32	35	35	31	31	31	35	37	41	41	37	31
MEAN	45	43	41	40	38	36	36	38	40	41	45	50	52	55	58	61	61	63	63	60	57	55	54	51	49.1

PERCENTAGE OF DATA VALID - 72.5 PERCENTAGE OF DATA INVALID - 26.0 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	38	25	25	27	28	28	32	25	32	32	37	43	50	64	71	84	86	93	86	68	65	62	54	50
2	52	50	43	41	38	35	35	34	38	39	36	-	-	42	44	45	45	45	45	45	41	34	30	31	40
3	38	42	40	37	20	16	18	20	20	26	32	50	68	****	****	71	69	69	67	67	56	46	50	56	44
4	54	52	42	42	43	50	55	50	34	****	****	48	****	66	75	84	82	93	90	88	89	81	83	72	65
5	68	59	46	51	55	57	54	44	41	41	40	35	34	43	51	54	53	63	66	52	37	35	31	30	48
6	30	31	31	31	30	28	29	27	24	23	24	25	28	30	31	32	32	31	31	31	23	21	19	19	28
7	17	14	14	15	14	15	20	23	24	26	28	32	37	38	37	36	43	45	48	50	53	48	49	61	33
8	56	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
9												-	DATA INVALID -												
10												-	DATA INVALID -												
11	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	108	111	59	44	40	34	31	31	31	******
12	28	26	25	21	16	18	23	26	28	31	30	37	39	41	40	40	38	34	33	29	18	18	17	18	28
13	19	21	17	15	16	16	14	18	22	30	46	55	59	58	58	55	51	47	41	35	29	32	32	31	34
14	20	24	25	33	27	21	30	34	34	39	44	46	-	61	66	70	70	69	73	74	66	67	67	66	49
15	57	49	44	40	41	41	43	43	45	50	53	58	67	77	****	****	****	****	****	****	****	****	****	****	******
16	****	****	****	****	****	****	****	****	****	****	****	****	****	78	82	85	86	86	89	100	113	107	98	106	******
17	107	94	75	79	83	87	92	81	65	62	64	69	74	79	80	83	71	55	60	71	78	81	78	81	77
18	79	77	71	68	64	63	65	69	78	96	113	87	72	71	72	75	74	71	72	82	48	57	73	82	74
19	72	53	64	80	76	69	71	81	89	76	77	91	114	117	119	123	117	105	102	101	95	105	104	87	91
20	89	95	87	77	67	64	61	69	73	78	86	99	108	109	110	110	111	108	102	102	101	85	74	71	89
21	74	75	78	86	92	86	61	60	62	64	72	71	67	72	86	89	92	93	92	94	111	93	84	75	80
22	67	72	81	85	77	51	54	69	75	75	76	76	77	79	82	87	92	98	100	100	94	84	76	62	79
23	48	42	42	44	40	40	39	40	42	50	56	57	45	47	56	72	79	79	73	70	67	63	59	55	54
24	52	48	46	43	39	35	35	36	42	-	-	-	-	44	43	38	38	38	47	43	30	41	54	58	43
25	55	56	63	69	70	79	82	70	51	52	57	65	88	108	96	86	76	70	69	70	71	73	72	70	72
26	70	57	54	59	58	57	51	57	60	67	65	71	91	102	113	98	72	67	58	56	55	53	55	54	67
27	51	42	44	58	64	69	65	68	67	54	55	76	86	91	93	91	84	85	76	70	78	68	73	65	70
28	65	57	61	56	56	50	53	61	49	43	52	46	52	63	61	65	68	71	67	65	56	60	47	56	58
29	67	54	51	41	45	59	63	59	63	59	57	57	68	77	99	88	78	75	83	90	81	81	85	81	69
30	74	84	64	58	68	68	69	75	51	45	55	51	56	47	50	51	51	51	57	56	53	45	43	39	57
31	28	33	38	45	54	69	48	46	56	68	79	85	93	91	67	54	55	54	56	51	51	44	37	34	56
MEAN	55	52	49	50	49	49	48	50	48	51	56	59	67	69	71	73	71	69	68	67	63	60	59	57	58.7

PERCENTAGE OF DATA VALID - 83.7 PERCENTAGE OF DATA INVALID - 14.9 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	45	47	64	57	51	51	49	50	53	-	-	76	100	102	120	121	107	93	81	81	80	79	77	73
2	75	74	74	73	50	34	23	26	45	81	79	69	77	83	79	60	59	65	56	68	69	65	64	56	63
3	51	51	42	47	50	63	56	49	53	52	65	60	60	59	57	55	53	54	56	61	64	53	39	29	53
4	36	29	32	34	41	41	32	24	36	30	43	52	51	58	59	61	78	69	81	77	69	73	72	53	52
5	55	46	40	32	30	28	27	31	28	34	41	49	60	68	80	71	51	52	55	49	46	52	51	45	47
6	43	40	43	44	40	42	43	51	47	53	66	60	66	69	72	75	80	84	86	89	77	69	62	63	61
7	67	74	56	27	22	31	38	43	47	54	64	77	91	92	87	88	88	84	84	78	73	66	68	64	65
8	62	61	59	57	51	42	40	38	36	40	43	47	-	54	54	54	62	73	77	74	64	55	51	58	54
9	42	36	36	32	34	32	33	32	35	35	36	38	41	45	47	42	42	36	33	32	39	38	27	34	37
10	33	47	51	52	57	56	58	60	46	23	28	43	36	43	58	71	76	51	32	38	33	29	39	36	46
11	22	30	39	46	48	54	59	64	64	34	23	32	41	51	56	61	61	59	61	59	54	43	44	50	48
12	55	43	43	41	49	54	57	53	34	39	37	35	35	35	36	36	37	42	38	43	52	56	59	60	45
13	56	52	51	49	48	47	39	35	37	45	52	37	36	47	61	59	43	41	52	60	65	75	79	79	52
14	65	49	47	53	44	51	50	56	51	57	54	57	-	****	****	****	****	****	****	****	****	****	****	****	******
15												-	DATA INVALID -												
16												-	DATA INVALID -												
17												-	DATA INVALID -												
18												-	DATA INVALID -												
19	****	****	****	****	****	****	****	****	****	****	****	****	-	61	59	64	56	52	41	38	****	****	****	****	******
20												-	DATA INVALID -												
21												-	DATA INVALID -												
22	****	****	****	****	****	****	51	59	46	42	43	51	60	71	69	54	54	53	46	48	20	23	28	39	48
23	49	48	41	45	39	39	46	52	60	52	37	43	56	65	68	65	66	69	66	48	45	36	40	48	51
24	38	48	47	38	38	39	41	45	53	39	33	38	48	58	67	67	56	45	35	30	35	39	36	36	44
25	34	37	40	43	42	49	46	58	51	42	45	48	49	55	57	62	64	64	67	68	66	61	67	61	53
26	69	63	40	53	72	36	55	52	50	55	61	69	72	67	76	77	77	76	76	74	73	89	90	84	67
27	86	81	50	36	46	29	26	34	-	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28												-	DATA INVALID -												
29												-	DATA INVALID -												
30												-	DATA INVALID -												
31												-	DATA INVALID -												
MEAN	51	50	46	46	45	43	44	46	46	45	47	50	56	62	65	65	64	63	60	59	57	56	55	54	53.1

PERCENTAGE OF DATA VALID - 60.5 PERCENTAGE OF DATA INVALID - 38.6 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA INVALID -												
2	****	****	****	****	****	****	****	****	****	-	-	-	-	54	51	47	53	52	56	59	57	53	45	45	******
3	48	52	54	51	56	57	58	60	62	66	57	47	38	39	40	49	65	51	50	50	49	62	65	55	53
4	47	46	47	46	45	50	56	66	60	55	53	****	****	****	****	****	****	****	****	****	****	****	****	****	******
5												-	DATA INVALID -												
6												-	DATA INVALID -												
7												-	DATA INVALID -												
8	****	****	****	****	****	****	****	****	****	****	****	****	70	71	75	81	82	80	68	53	61	86	96	98	******
9	95	102	103	101	78	58	70	79	64	60	58	63	62	62	63	73	65	27	32	39	40	40	38	37	63
10	35	35	34	33	33	33	32	32	33	37	43	47	45	53	52	57	53	60	59	53	52	54	52	50	44
11	47	44	41	40	38	38	46	49	53	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
12												-	DATA UNAVAILABLE -												
13												-	DATA UNAVAILABLE -												
14												-	DATA UNAVAILABLE -												
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	19	35	31	******
16	31	31	33	30	35	32	35	34	31	39	28	25	31	40	38	36	43	41	33	26	29	31	28	28	33
17	27	27	26	26	29	30	29	39	37	38	24	19	21	27	28	28	29	30	29	26	28	23	23	23	28
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	44	46	48	32	29	30	30	29	46	******
19	48	45	40	32	20	35	34	26	26	31	36	-	52	57	57	55	56	57	60	69	69	64	52	52	47
20	43	22	32	13	17	25	23	26	34	39	44	46	59	66	66	54	50	45	40	44	44	44	48	39	40
21	36	40	33	22	17	14	14	13	13	14	14	20	28	32	38	46	47	47	51	49	46	44	43	46	32
22	34	23	22	22	25	28	21	27	23	25	25	31	33	37	43	45	54	50	44	36	31	36	36	36	33
23	31	32	30	28	27	27	26	26	26	27	31	35	40	41	28	26	28	37	38	36	30	28	26	29	31
24	30	28	21	20	19	18	19	18	19	24	36	44	41	44	47	49	49	48	53	54	42	34	41	37	35
25	22	21	20	19	22	25	28	29	27	30	-	-	-	55	55	54	64	68	53	55	45	48	56	49	40
26	49	42	41	39	32	28	27	28	29	30	33	33	26	26	25	26	27	26	25	25	24	26	28	28	30
27	29	29	28	28	28	21	18	22	30	30	30	29	34	33	33	36	36	35	33	32	29	25	24	22	29
28	21	20	19	15	19	21	22	22	23	23	24	25	27	30	32	35	36	27	30	34	34	33	34	27	27
29	29	28	26	26	30	28	26	23	22	32	31	33	35	37	42	49	53	52	53	35	27	31	42	47	35
30	39	42	32	28	27	33	24	26	28	27	29	31	38	40	44	48	51	51	36	54	46	44	35	41	37
MEAN	39	37	36	33	31	32	32	34	34	36	35	35	40	44	45	47	49	47	44	43	40	41	42	41	39.2

PERCENTAGE OF DATA VALID - 64.0 PERCENTAGE OF DATA INVALID - 20.1 PERCENTAGE OF DATA UNAVAILABLE - 15.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	47	43	30	30	19	23	21	23	30	28	25	-	-	48	52	61	62	59	56	48	38	35	29	23	38
2	30	35	33	29	32	35	31	28	27	23	24	26	27	28	29	30	26	25	19	17	14	13	24	24	26
3	20	24	35	30	22	27	29	25	17	21	27	31	37	40	34	35	31	28	27	25	20	15	15	19	26
4	23	21	19	11	11	17	18	18	18	18	18	20	23	24	25	25	26	25	25	24	23	22	20	20	21
5	19	18	18	17	16	17	17	17	19	21	24	26	29	30	30	24	23	22	19	16	16	14	14	14	20
6	12	11	12	10	12	9	10	14	17	20	23	32	31	23	32	34	36	38	34	39	39	40	41	41	25
7	37	33	29	29	27	25	19	19	23	27	32	37	41	40	37	38	42	40	39	44	44	43	45	36	34
8	39	38	37	38	34	30	35	38	41	38	-	-	54	58	64	67	67	62	54	43	34	26	25	23	43
9	23	22	17	13	13	15	15	15	16	15	17	23	27	25	14	17	21	22	18	16	15	13	8	20	18
10	25	26	27	28	27	24	23	23	24	27	27	26	28	31	31	29	31	30	18	18	23	23	21	23	26
11	31	22	20	22	25	24	24	22	16	18	15	14	15	17	21	17	17	16	15	15	14	13	14	17	19
12	17	17	18	18	19	19	18	18	16	15	14	15	17	19	20	21	22	24	25	26	24	22	18	16	19
13	18	18	18	16	16	18	19	17	20	22	23	24	26	26	26	27	27	26	25	23	21	18	18	16	21
14	17	15	15	10	11	16	15	15	16	18	22	-	29	29	29	28	32	32	31	30	28	24	24	27	22
15	30	29	27	25	24	21	19	17	20	22	23	23	28	27	28	26	15	20	21	19	21	16	14	11	22
16	12	14	14	9	9	11	12	11	10	11	14	13	14	14	13	11	12	12	13	10	4	5	6	6	11
17	8	36	37	43	44	37	40	46	45	47	-	-	54	57	55	49	50	48	47	40	40	36	31	31	42
18	30	30	27	23	21	22	22	22	26	25	28	30	33	35	35	36	37	37	36	36	35	30	22	19	29
19	18	18	25	24	21	21	23	21	17	17	16	17	19	17	13	14	17	17	19	17	16	15	14	17	18
20	18	20	21	20	17	16	14	13	13	14	19	20	19	18	24	21	20	19	18	16	15	14	19	22	18
21	22	25	26	21	19	21	16	15	17	18	21	-	-	28	31	33	33	26	19	16	14	19	22	21	22
22	19	16	10	9	8	14	16	17	19	22	25	28	28	27	27	28	28	23	22	22	24	22	21	20	21
23	18	20	20	11	12	14	10	13	17	19	-	-	27	29	32	31	29	21	19	20	18	23	26	25	21
24	26	24	25	24	25	23	23	21	18	20	23	24	27	29	33	30	26	29	32	28	30	29	29	27	26
25	25	23	23	24	25	27	26	24	23	17	8	9	9	9	10	12	12	13	15	14	15	14	15	16	17
26	17	15	14	12	13	14	14	17	17	18	19	21	20	20	21	20	19	20	21	22	24	25	25	26	19
27	26	25	24	24	23	21	20	19	19	23	22	23	-	-	24	25	27	22	19	17	16	14	14	17	21
28	15	9	4	6	10	12	9	8	8	9	16	22	31	34	35	36	35	32	30	30	27	30	30	33	21
29	27	24	26	25	25	24	18	18	22	27	31	35	35	33	30	28	26	25	25	25	24	23	23	25	26
30	19	20	18	19	20	21	20	18	20	22	29	34	35	37	37	35	37	35	31	36	33	33	32	29	28
31	25	23	23	22	22	19	17	17	17	20	20	19	22	25	25	27	28	28	27	26	26	25	25	24	23
MEAN	23	23	22	21	20	21	20	20	20	21	22	24	28	29	30	30	30	28	26	25	24	22	22	22	23.8

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	17	16	23	25	22	23	23	22	24	26	26	25	26	27	27	27	24	26	29	28	27	24	25	24
2	28	26	27	23	23	26	28	29	32	36	36	36	37	37	38	38	30	39	37	36	35	38	36	32	33
3	31	28	25	22	22	17	15	16	17	14	14	14	13	14	15	22	24	41	49	50	49	44	43	46	27
4	46	44	43	44	41	40	37	36	31	24	15	13	12	-	-	12	14	20	14	12	11	23	21	17	26
5	22	26	27	26	25	23	22	23	24	23	23	24	25	25	25	28	27	27	27	25	16	15	15	16	23
6	20	17	18	19	18	20	21	24	28	30	30	25	24	23	25	27	24	24	26	26	25	23	19	21	23
7	24	26	25	22	22	26	27	28	30	33	35	39	45	49	50	51	45	38	36	31	24	11	10	13	31
8	23	26	26	22	18	21	25	27	28	28	30	30	27	35	37	38	38	36	35	33	35	30	27	19	29
9	11	9	7	11	11	10	16	25	31	38	38	37	34	32	31	28	25	24	24	23	21	19	21	20	23
10	14	20	25	28	26	26	26	27	29	31	32	33	-	-	-	-	33	31	29	30	30	30	30	31	28
11	32	32	32	31	31	31	30	30	30	30	30	30	30	30	30	30	31	30	28	28	28	28	29	28	30
12	28	28	28	28	27	25	23	24	24	24	24	24	26	27	30	31	29	27	27	22	20	17	20	25	25
13	21	9	4	8	8	6	7	9	9	14	12	9	8	11	11	15	15	17	17	17	22	25	26	29	14
14	31	20	15	10	7	4	4	5	6	6	6	7	14	23	26	26	25	24	23	19	21	19	17	18	16
15	17	17	15	14	13	13	12	12	16	22	28	31	31	30	30	28	25	18	14	18	23	24	23	23	21
16	19	22	20	22	23	21	17	16	16	17	22	25	27	27	29	29	28	27	26	20	20	24	23	15	22
17	15	16	19	17	12	12	20	18	23	24	24	19	10	13	12	12	5	10	13	8	10	10	9	18	15
18	14	4	6	14	20	22	24	27	24	28	33	32	32	32	29	25	23	20	20	23	21	17	16	18	22
19	17	18	21	16	14	10	10	6	15	18	18	19	17	19	19	17	13	11	10	7	6	6	5	5	13
20	11	10	6	5	1	1	2	3	6	7	9	9	-	-	-	-	17	23	21	16	16	15	10	9	10
21	1	1	2	2	1	5	5	7	8	9	10	8	6	8	10	12	13	14	16	17	18	21	21	20	10
22	19	19	17	15	13	12	12	9	12	18	18	15	13	14	14	17	16	14	17	15	13	10	10	11	14
23	11	8	8	6	3	1	0	1	3	4	6	7	8	8	11	20	9	5	6	8	3	4	3	3	6
24	8	9	10	13	13	12	12	12	9	7	8	9	8	9	11	9	9	10	9	9	9	8	10	11	10
25	15	18	20	21	23	24	24	21	23	23	25	26	26	26	29	31	30	28	27	24	23	24	23	19	24
26	16	19	19	17	14	13	13	15	9	15	24	26	28	26	27	28	26	22	22	26	19	19	20	18	20
27	16	10	9	15	19	17	18	19	19	21	26	27	26	26	24	25	29	26	24	22	20	17	16	14	20
28	13	12	11	11	11	10	7	4	6	7	13	7	10	8	-	-	14	10	10	8	6	5	5	7	9
29	16	16	21	20	19	18	18	20	21	20	24	25	27	27	26	25	27	29	31	27	25	24	22	23	23
30	25	18	17	18	18	19	22	21	24	28	27	21	19	19	23	25	27	25	24	22	19	15	18	24	22
MEAN	19	18	18	18	17	17	17	18	19	21	22	22	22	23	25	25	24	23	23	22	21	20	19	19	20.4

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	25	22	19	18	18	18	18	17	16	21	16	17	20	20	18	14	21	24	24	19	18	22	20
2	23	15	13	9	11	19	29	31	31	31	29	29	30	29	-	5	13	15	20	22	24	28	-	-	22
3	-	28	32	33	34	34	35	36	37	35	34	35	35	35	35	34	34	32	32	32	30	30	31	31	33
4	27	23	23	22	22	22	19	15	14	27	34	35	-	34	36	38	33	30	28	27	21	14	7	13	25
5	15	22	27	28	28	28	29	27	27	30	30	30	33	31	28	26	22	28	23	20	15	9	27	28	25
6	12	3	10	12	8	5	4	4	4	7	7	8	7	6	12	13	11	10	9	6	5	5	5	3	7
7	3	2	2	2	2	2	2	3	3	3	3	6	12	18	17	24	23	22	22	22	22	22	21	19	12
8	19	19	18	15	14	15	15	19	19	24	31	33	37	35	32	28	7	0	-	6	11	13	22	25	20
9	25	28	30	32	32	33	34	33	33	35	35	28	13	31	38	36	27	25	23	27	29	29	26	13	29
10	11	9	17	27	30	30	29	29	27	25	26	28	26	28	24	22	19	17	17	20	25	27	28	29	24
11	32	31	31	29	28	28	29	28	28	28	30	29	29	27	27	25	21	21	21	21	16	13	14	14	25
12	11	9	7	6	8	11	10	9	8	8	6	3	5	5	6	9	10	11	8	7	9	3	2	8	7
13	12	12	12	11	4	2	12	17	19	23	22	20	22	24	27	29	30	30	29	28	27	26	21	20	20
14	20	22	17	13	16	17	16	21	22	26	28	33	32	34	33	33	34	33	32	33	33	32	32	27	27
15	26	28	28	27	26	24	22	22	19	16	18	16	11	11	11	12	11	12	15	11	13	17	13	2	17
16	0	0	0	0	0	3	5	6	11	13	16	17	17	20	23	-	23	20	19	17	16	13	18	19	12
17	21	20	18	17	17	17	16	14	15	17	19	21	25	29	29	28	25	15	14	14	9	9	11	12	18
18	10	7	6	5	4	4	2	1	1	7	16	25	27	25	23	22	21	16	14	17	21	15	23	23	14
19	21	19	18	21	23	24	24	25	25	24	25	25	25	25	25	25	23	21	20	21	21	21	19	19	22
20	17	17	16	16	16	16	17	15	16	20	22	24	25	27	26	26	26	26	26	25	23	24	25	25	22
21	26	24	23	23	23	23	23	22	20	20	25	30	31	30	30	30	28	27	26	26	24	22	23	22	25
22	13	17	20	17	14	13	10	10	12	16	19	21	-	25	28	30	23	18	8	2	1	1	1	2	14
23	1	1	1	1	1	1	5	8	5	8	13	15	15	16	16	15	17	20	10	7	8	11	10	8	9
24	7	3	4	3	2	2	1	1	2	3	13	19	30	31	32	31	31	31	30	30	30	29	29	29	18
25	28	27	27	26	25	25	26	27	28	30	30	30	32	33	32	32	32	31	29	30	24	22	22	26	28
26	26	22	18	18	18	17	14	14	17	19	19	19	19	19	18	18	21	20	18	18	17	14	11	9	18
27	8	7	5	4	5	3	1	2	8	12	15	17	17	17	15	15	11	9	10	13	12	7	4	2	9
28	2	7	11	16	13	6	11	12	15	19	20	21	20	18	14	10	5	1	0	0	0	0	1	3	9
29	2	2	3	3	2	3	3	4	7	10	15	15	14	12	11	8	5	1	0	1	1	3	7	11	6
30	11	13	15	17	19	20	21	21	21	19	16	17	20	21	21	18	-	10	5	2	4	0	0	0	14
31	0	3	9	22	26	29	31	30	30	30	30	25	28	29	27	26	20	16	18	17	15	13	11	10	21
MEAN	15	15	16	16	16	16	17	17	17	19	21	22	23	24	24	23	21	19	18	18	17	16	16	16	18.4

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	17.6	27	33
FEB	29	27.0	37	64
MAR	31	34.4	52	74
APR	30	29.0	48	70
MAY	24	42.0	69	91
JUN	20	49.1	83	118
JUL	25	58.7	91	123
AUG	18	53.1	73	121
SEP	17	39.2	63	103
OCT	31	23.8	43	67
NOV	30	20.4	33	51
DEC	31	18.4	33	38
YEAR	317	32.7	91	123

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	134	580	20	0	0	0	0	0	734
FEB	27	444	207	8	0	0	0	0	686
MAR	7	265	424	41	0	0	0	0	737
APR	28	387	251	41	0	0	0	0	707
MAY	4	151	276	142	11	0	0	0	584
JUN	2	127	179	153	44	17	0	0	522
JUL	0	73	164	289	87	29	1	0	623
AUG	0	26	182	215	23	3	1	0	450
SEP	0	165	193	94	6	3	0	0	461
OCT	31	564	121	15	0	0	0	0	731
NOV	129	497	81	1	0	0	0	0	708
DEC	172	488	75	0	0	0	0	0	735
YEAR	534	3767	2173	979	171	52	2	0	7678

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.4	0	12.5	21.7	28.2	36.4	59.2	71.8	85.7	94.8	123	32.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	14	13	13	13	13	14	16	******	
8	16	18	18	17	16	17	18	18	18	18	18	-	19	19	18	16	13	12	11	12	13	13	13	13	16
9	14	14	15	15	16	15	15	15	13	-	19	20	22	23	23	21	20	19	20	15	14	13	9	9	16
10	10	10	7	6	6	12	17	16	12	16	18	22	24	26	27	25	20	8	1	0	3	2	0	1	12
11	7	10	10	12	14	14	15	16	18	19	19	19	19	16	10	2	4	18	19	19	20	21	18	16	15
12	17	19	19	19	20	22	23	22	21	20	21	21	23	24	24	22	22	21	21	21	21	16	16	16	20
13	18	15	15	15	16	16	12	11	13	14	13	17	21	20	20	18	16	16	16	17	17	15	15	15	16
14	13	12	10	7	9	9	8	6	6	6	6	7	11	11	10	11	7	5	5	3	0	0	2	7	7
15	15	17	20	19	19	6	0	0	1	1	2	-	-	21	22	23	22	21	22	23	19	17	17	16	15
16	19	19	18	19	20	19	16	14	13	14	11	12	13	14	14	16	16	12	9	5	1	1	0	0	12
17	0	0	0	0	0	2	8	11	12	11	10	-	11	11	10	8	6	10	13	7	5	4	3	1	6
18	3	0	1	1	0	1	1	1	1	3	4	4	4	4	4	4	7	13	14	13	11	12	13	15	6
19	14	13	13	17	19	21	21	21	20	21	22	20	19	19	17	13	16	16	18	19	19	19	19	22	18
20	25	25	24	23	23	23	22	22	23	24	25	26	27	26	26	27	26	26	25	23	23	23	22	21	24
21	19	18	17	17	21	24	23	22	21	16	17	-	19	20	20	19	19	18	15	10	10	8	8	8	17
22	10	9	9	15	17	19	19	13	9	10	9	8	8	9	8	8	9	12	14	15	13	12	11	10	12
23	11	10	16	19	20	20	19	19	18	19	21	25	25	26	26	26	26	24	24	24	24	24	25	25	22
24	25	26	26	25	22	18	19	20	20	21	23	-	26	28	28	28	26	18	10	9	5	2	1	3	19
25	0	0	1	3	5	9	18	19	17	17	18	19	19	19	19	13	10	4	3	7	10	8	8	7	11
26	16	19	16	15	16	17	18	20	20	22	23	25	26	25	25	25	25	24	23	23	23	21	21	21	21
27	22	22	23	23	23	24	22	22	23	24	25	28	29	29	30	31	30	30	26	25	23	24	24	18	25
28	16	15	21	22	19	20	22	20	22	21	22	23	26	26	26	26	25	21	21	22	20	20	20	17	21
29	15	13	12	13	14	14	10	8	9	12	14	17	21	22	-	****	****	****	****	****	****	****	****	****	******
30												- DATA INVALID -													
31	****	****	****	****	****	****	****	****	****	-	26	26	30	30	31	30	30	26	25	25	25	25	23	24	******
MEAN	14	14	14	15	15	16	16	15	15	16	17	19	20	20	20	19	18	17	16	15	14	14	13	13	16.0

PERCENTAGE OF DATA VALID - 71.6 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 22.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	25	19	16	20	23	17	11	16	21	25	27	30	30	30	29	29	28	26	25	25	25	25	25	24
2	25	24	24	25	24	21	18	16	16	21	26	28	30	30	32	31	31	30	27	21	22	22	21	18	24
3	16	14	15	16	17	19	20	22	23	26	27	29	30	30	30	30	30	29	28	28	27	27	27	23	24
4	19	19	23	24	24	23	21	21	21	26	29	30	30	31	-	28	26	24	23	21	19	22	19	19	24
5	15	14	11	11	11	9	8	6	10	16	20	23	27	29	30	30	29	24	18	18	8	1	0	0	15
6	0	0	0	0	0	0	9	17	19	20	23	-	24	24	23	21	21	23	23	24	23	20	23	0	15
7	3	5	0	0	0	0	1	3	7	11	14	17	19	23	29	27	29	23	21	19	21	22	21	21	14
8	18	18	18	17	18	17	14	10	14	19	20	26	29	30	31	30	28	26	22	20	18	16	9	6	20
9	6	14	9	8	14	15	15	10	18	27	28	29	30	31	27	27	25	15	8	6	6	10	15	19	17
10	18	15	14	16	17	18	17	16	20	24	29	31	32	32	31	30	29	27	23	26	24	25	25	25	24
11	21	17	16	17	15	11	12	13	18	23	26	26	26	25	26	26	26	28	28	24	22	20	20	20	21
12	17	17	17	17	17	17	16	14	16	21	25	28	30	30	30	30	29	28	28	27	26	25	21	18	23
13	19	20	19	17	16	19	17	12	11	14	19	23	25	24	25	27	25	22	20	21	20	14	12	15	19
14	20	19	17	13	11	10	8	8	9	12	-	-	-	-	30	30	30	30	28	22	20	18	14	4	18
15	8	7	8	4	2	1	2	3	12	17	19	23	27	29	31	29	28	17	15	22	27	27	20	18	17
16	22	25	28	28	26	28	14	9	17	21	28	29	31	33	34	34	32	30	29	28	25	21	22	19	26
17	17	17	19	22	22	23	25	26	27	27	27	27	28	28	29	30	29	27	26	25	27	31	28	25	26
18	25	25	24	21	20	20	21	21	22	24	25	25	25	27	27	27	29	30	30	29	30	29	26	23	25
19	15	10	10	10	6	8	10	13	15	17	18	20	22	26	28	29	27	22	23	19	17	12	7	11	17
20	16	18	22	23	21	8	0	1	5	9	16	17	17	17	21	21	20	14	14	11	6	8	8	6	13
21	4	1	0	1	1	2	1	2	6	8	10	13	16	14	12	10	6	3	18	19	19	22	22	24	10
22	26	26	26	25	24	22	20	16	14	12	11	10	-	10	8	7	5	5	2	8	10	14	17	18	15
23	19	21	23	23	23	23	24	24	26	27	28	28	27	26	27	28	29	26	20	13	7	7	14	17	22
24	22	19	13	6	6	9	14	9	11	19	23	25	25	25	26	28	26	24	23	23	22	21	20	18	19
25	20	15	17	24	26	29	31	29	23	30	30	26	19	20	23	25	21	19	19	22	23	23	23	23	23
26	22	23	25	26	26	26	27	25	25	25	26	28	28	29	29	27	26	25	24	24	19	23	25	26	25
27	25	25	21	17	17	20	17	16	15	16	18	24	27	-	-	30	27	28	28	27	29	29	29	29	23
28	27	29	29	29	28	20	16	13	9	14	22	27	31	31	31	31	31	29	26	24	26	28	28	26	25
29	23	25	25	26	26	26	25	24	23	24	25	26	28	27	27	27	25	25	25	25	25	22	22	19	25
MEAN	18	17	17	17	16	16	15	14	16	20	23	25	26	26	27	27	26	24	22	21	20	20	19	18	20.4

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	17	14	13	10	6	10	20	27	29	30	31	31	32	32	32	32	29	27	27	24	21	19	23
2	19	13	13	12	19	17	16	18	21	27	28	30	32	33	33	33	-	-	-	-	-	-	-	-	23
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	31	32	33	34	34	33	33	34	34	31	29	20	20	26	32	******
7	32	32	32	31	29	24	25	24	21	17	33	36	36	37	39	39	36	34	29	28	19	20	20	22	29
8	22	17	13	15	23	26	24	23	24	25	26	30	31	31	18	17	21	34	33	34	34	36	37	40	26
9	36	34	33	33	33	34	36	35	34	34	35	37	41	45	46	43	42	43	45	46	43	43	42	40	39
10	41	40	32	27	26	25	25	23	24	25	25	28	31	29	30	29	29	29	29	28	29	34	35	32	29
11	32	31	29	29	29	28	29	29	30	31	32	32	32	32	31	-	31	31	29	28	28	27	28	30	30
12	29	28	28	28	29	29	28	24	26	28	31	33	30	30	30	32	26	22	17	22	25	26	29	40	27
13	22	20	17	18	20	22	24	24	23	24	24	23	23	23	31	32	29	27	18	4	7	9	13	14	20
14	13	9	7	4	3	4	2	4	15	18	25	29	33	35	36	37	37	37	37	37	34	34	33	32	23
15	32	32	32	32	32	33	32	32	32	32	32	33	37	37	37	39	39	36	36	30	21	16	7	0	30
16	2	9	19	21	16	15	21	26	29	29	31	33	34	34	34	34	33	31	30	29	30	30	29	26	26
17	26	23	26	30	30	32	33	33	32	30	29	31	32	31	30	27	20	17	20	19	16	22	26	27	27
18	27	28	28	28	29	30	29	29	29	29	29	30	33	34	34	33	34	34	36	37	32	32	33	32	31
19	32	30	29	29	29	28	26	22	22	22	25	28	30	29	31	36	30	39	36	34	34	31	20	17	29
20	15	12	9	10	10	8	8	13	15	-	-	30	34	40	44	49	52	54	25	38	41	44	37	23	28
21	17	14	8	12	18	17	14	9	9	8	12	9	4	9	18	25	24	24	27	26	26	26	27	27	17
22	27	27	27	27	28	28	28	28	28	29	29	30	31	31	32	32	32	31	31	29	26	24	26	28	29
23	27	27	29	29	28	27	26	28	29	27	23	31	32	28	16	17	23	13	7	28	26	15	14	15	24
24	17	17	28	33	33	29	25	19	16	18	19	21	22	22	22	17	19	21	21	22	24	22	3	5	21
25	15	20	24	26	28	25	21	21	22	22	22	26	24	25	25	26	26	24	25	27	27	26	25	25	24
26	25	25	26	27	27	27	26	25	18	17	16	19	17	18	24	29	32	24	21	20	22	22	20	18	23
27	18	10	2	3	4	2	2	9	14	19	29	35	38	38	39	42	-	38	36	35	29	25	26	29	23
28	18	12	25	23	20	12	14	5	8	15	19	22	26	32	33	35	31	27	21	18	18	19	32	26	21
29	21	13	3	5	6	18	28	21	22	25	24	24	26	26	26	27	30	32	33	33	32	32	30	22	23
30	12	5	1	9	14	7	15	21	25	28	31	34	35	35	35	36	36	36	34	34	33	33	33	33	26
31	34	32	31	30	31	31	30	29	29	28	28	28	29	29	30	30	29	29	29	29	29	28	27	26	29
MEAN	23	21	21	22	22	22	22	22	23	25	27	29	30	31	31	32	31	31	28	29	27	27	26	25	26.1

PERCENTAGE OF DATA VALID - 87.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 12.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	26	22	23	25	24	17	15	23	29	28	32	35	40	40	37	33	26	15	14	12	13	16	15	24
2	15	13	11	10	8	6	4	2	3	6	10	16	24	33	36	36	32	34	33	32	30	25	9	2	18
3	3	23	16	15	15	12	13	16	23	28	32	-	-	-	-	-	32	32	31	31	32	32	31	31	24
4	30	31	31	31	9	2	10	23	22	15	14	18	22	22	17	25	31	31	30	29	30	29	30	31	23
5	31	31	31	29	29	28	29	28	28	28	30	30	31	35	36	36	36	36	39	37	30	33	31	25	32
6	26	21	18	13	15	20	20	26	31	35	35	35	35	33	36	37	35	31	30	27	27	24	22	24	27
7	24	24	24	23	24	26	24	26	30	36	35	35	42	43	38	40	45	44	35	38	33	41	42	40	34
8	38	36	34	32	31	31	31	30	33	34	-	-	42	41	42	36	35	35	33	32	31	37	53	44	36
9	44	43	42	41	38	35	36	35	28	28	28	29	23	32	36	31	35	35	36	31	30	31	28	26	33
10	22	****	****	****	****	****	****	****	22	22	22	22	24	24	25	24	18	19	20	20	20	20	20	17	21
11	15	14	14	14	14	16	15	15	14	15	18	18	18	27	32	34	33	34	32	25	24	24	24	22	21
12	22	25	26	27	24	21	13	8	7	13	23	22	23	24	26	27	29	32	27	24	24	24	24	23	22
13	23	25	29	29	27	26	26	25	25	24	25	27	28	29	31	34	34	29	24	21	18	8	9	10	24
14	13	8	8	15	19	21	20	18	19	23	21	20	21	21	20	-	19	19	19	18	15	15	22	24	18
15	22	22	21	22	24	23	22	19	19	19	19	18	17	15	16	14	13	12	10	16	22	20	-	-	18
16	-	-	-	-	-	-	-	-	-	32	32	33	34	35	35	35	36	38	38	32	30	28	28	26	******
17	26	22	22	21	19	17	15	22	25	28	31	32	39	40	41	42	42	39	34	29	29	35	34	34	30
18	33	29	27	27	25	24	24	27	27	27	27	32	44	50	52	44	41	43	49	43	19	15	8	11	31
19	15	11	7	5	2	1	2	12	27	37	40	42	51	56	63	65	65	60	59	54	51	47	46	50	36
20	48	45	45	44	39	38	38	38	38	43	46	45	48	49	45	42	40	39	38	28	22	12	24	25	38
21	23	21	20	18	18	19	17	23	21	24	25	29	34	34	35	34	34	34	32	28	23	19	10	2	24
22	12	13	11	12	11	4	5	11	17	22	24	-	-	34	35	35	33	31	26	23	23	18	19	15	20
23	23	24	25	23	24	23	20	20	22	24	26	30	35	37	39	41	30	30	30	31	32	32	31	31	28
24	29	23	22	20	16	15	17	21	20	26	32	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25												-	DATA	INVALID	-										
26												-	DATA	INVALID	-										
27												-	DATA	INVALID	-										
28	****	****	****	****	****	****	****	****	****	****	****	25	24	23	18	16	16	13	12	12	15	16	16	18	******
29	19	19	22	24	25	23	21	19	21	22	22	22	21	23	24	22	15	7	7	10	9	1	0	0	17
30	0	1	3	4	1	1	3	11	14	22	25	24	18	18	37	41	43	40	38	42	30	17	23	11	19
MEAN	23	23	22	22	20	19	18	20	22	25	27	28	31	33	34	35	33	32	30	28	25	24	24	22	25.9

PERCENTAGE OF DATA VALID - 82.8 PERCENTAGE OF DATA INVALID - 14.3 PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	12	9	4	1	3	4	11	10	23	34	34	40	43	37	33	33	30	28	25	22	17	9	20
2	3	0	1	2	1	0	2	4	12	19	30	33	36	-	-	40	39	35	34	33	34	34	33	29	21
3	24	21	18	19	19	17	20	27	31	36	38	40	46	49	50	43	42	41	34	29	33	29	27	26	32
4	26	22	23	24	21	19	19	17	13	23	34	38	41	40	37	39	37	35	41	42	33	31	29	31	30
5	34	34	30	23	22	19	18	21	29	35	43	57	57	53	49	49	47	46	44	43	47	44	44	40	39
6	30	23	21	22	22	20	17	16	16	19	29	33	35	35	36	29	29	34	34	33	30	28	25	22	27
7	21	25	23	23	19	14	23	25	25	22	20	20	19	20	20	21	19	18	19	21	18	17	16	15	20
8	12	14	14	13	13	12	15	18	20	21	22	21	-	23	22	21	19	21	21	21	22	21	20	21	18
9	16	16	18	19	20	17	17	20	22	24	24	24	24	25	26	27	28	28	26	25	21	17	19	17	22
10	17	18	19	17	17	16	17	23	28	32	40	43	41	46	51	57	58	58	53	49	45	46	41	38	36
11	38	43	45	46	45	45	44	42	40	39	44	46	43	42	43	43	42	42	43	39	27	24	17	9	39
12	17	16	14	11	10	15	21	24	26	32	36	44	47	42	42	40	40	37	26	29	31	21	1	2	24
13	3	8	28	30	26	26	32	35	28	28	32	36	41	42	43	41	39	31	35	36	37	35	33	24	31
14	19	26	18	17	22	30	32	32	31	32	36	35	30	33	31	27	25	27	29	28	24	24	20	16	27
15	14	14	13	13	12	12	16	17	19	22	24	27	30	32	32	33	33	34	32	27	24	19	18	16	22
16	15	16	16	15	10	10	9	12	18	-	31	36	39	40	39	39	38	38	36	31	13	15	19	22	24
17	9	13	16	17	20	17	13	19	20	34	46	52	55	58	61	60	54	52	55	55	54	53	52	52	39
18	53	52	51	47	45	43	38	33	29	25	25	25	28	34	36	38	40	40	37	38	37	32	32	34	37
19	35	32	29	26	26	25	24	26	32	38	39	47	58	52	45	38	54	63	54	46	32	21	11	1	36
20	7	9	7	6	8	12	9	27	36	37	35	30	32	35	37	35	33	31	30	26	25	25	28	35	25
21	39	39	39	21	2	6	15	19	32	38	45	45	29	30	41	48	48	47	45	36	29	30	31	29	33
22	25	21	22	20	21	23	24	26	33	44	56	-	65	74	74	74	76	78	71	61	46	44	42	44	46
23	45	44	38	33	32	30	21	21	29	42	56	69	69	66	69	67	63	55	39	33	35	41	16	16	43
24	17	4	10	12	34	39	40	39	39	48	58	67	74	76	98	99	77	75	70	63	50	43	29	26	49
25	28	28	14	11	21	21	23	26	28	35	38	40	43	43	45	45	42	39	36	31	31	29	27	16	31
26	5	2	7	8	10	11	17	20	19	30	36	38	42	43	46	-	46	38	30	23	24	27	27	25	25
27	25	23	19	19	19	16	14	13	13	18	24	29	29	29	30	30	32	33	32	22	17	17	17	16	22
28	15	14	11	14	2	4	7	14	19	29	34	38	38	38	44	22	46	54	32	23	14	17	11	1	23
29	6	10	21	23	22	22	19	19	21	25	28	31	34	35	36	34	31	30	32	12	6	13	22	22	23
30	26	30	29	27	25	22	25	35	43	47	53	55	58	62	61	52	53	52	52	51	46	39	36	33	42
31	32	33	29	31	31	29	26	25	28	34	39	43	47	40	34	29	26	27	26	24	22	21	16	16	30
MEAN	21	21	21	20	19	19	20	23	25	31	36	39	42	43	44	42	41	41	38	34	30	28	25	23	30.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	18	18	19	18	18	18	18	19	21	23	26	27	27	19	16	17	20	25	25	23	23	24	21
2	25	25	27	22	22	20	17	15	15	18	25	-	-	34	41	44	49	51	48	48	42	32	25	25	30
3	23	22	24	23	23	19	13	11	13	5	19	18	30	34	33	35	35	35	33	25	23	23	22	21	23
4	22	20	18	18	20	21	20	21	24	30	32	32	34	34	36	37	38	39	38	33	25	20	-	18	27
5	18	17	19	23	21	16	15	24	28	31	33	39	45	49	49	48	45	40	41	39	34	28	30	29	32
6	25	-	-	-	-	14	18	23	25	25	28	32	37	-	-	45	48	53	-	-	33	29	-	-	******
7	-	-	-	19	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	44	54	53	50	48	45	40	39	******
13	38	36	35	33	32	26	24	28	33	40	52	59	59	-	66	67	66	66	59	62	64	64	63	-	49
14	75	66	48	48	41	34	37	42	48	55	71	76	77	-	-	-	61	54	53	52	46	45	43	54	54
15	59	55	47	46	50	49	49	50	50	49	53	68	70	35	10	11	13	14	14	16	15	13	13	16	36
16	14	14	14	10	6	10	11	15	18	22	24	26	31	33	36	36	37	35	33	32	24	15	12	5	21
17	7	6	5	6	8	7	10	16	19	25	30	36	40	39	33	27	21	35	38	41	38	37	35	33	25
18	28	28	27	26	23	22	24	26	32	42	46	54	56	62	69	-	66	69	49	44	45	33	29	26	40
19	17	10	5	2	3	9	19	32	45	54	30	33	42	48	70	71	77	75	70	48	51	51	47	46	40
20	45	30	17	22	24	27	28	26	25	26	25	24	25	26	27	28	28	28	28	27	23	21	15	12	25
21	12	13	15	16	17	19	21	23	27	31	36	40	39	41	38	39	43	42	45	46	41	37	32	30	31
22	24	23	24	22	18	19	22	27	28	34	44	51	54	62	63	64	65	64	63	61	59	57	58	52	44
23	47	48	49	41	37	34	33	41	44	56	66	74	75	76	77	81	82	82	79	78	79	77	64	62	62
24	65	78	87	57	75	66	43	46	50	53	61	80	92	92	96	100	102	95	87	77	75	77	68	60	74
25	49	56	54	46	39	31	30	32	40	53	-	-	82	89	71	56	54	56	55	54	51	42	40	40	51
26	39	46	49	49	50	48	45	38	40	48	55	60	60	64	70	68	62	63	63	66	66	59	50	39	54
27	27	26	19	20	22	19	19	19	21	24	25	28	30	33	37	50	44	38	33	22	16	13	4	1	25
28	1	2	10	15	15	15	15	14	13	14	15	16	20	22	24	28	29	28	27	27	26	25	22	20	18
29	18	15	4	2	12	18	18	19	21	22	23	27	36	49	55	59	55	40	34	31	26	20	23	25	27
30	26	23	21	21	20	18	19	21	22	22	26	28	31	34	36	37	37	35	30	28	24	21	17	15	26
MEAN	30	29	28	25	26	24	24	26	29	33	37	42	47	47	48	48	49	48	46	43	40	36	34	30	36.1

PERCENTAGE OF DATA VALID - 78.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 21.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	15	14	13	12	13	19	26	32	35	40	46	46	44	47	54	61	63	65	63	53	46	41	37
2	47	44	39	37	31	28	26	32	38	41	42	44	48	53	-	65	66	-	-	38	30	28	22	19	39
3	7	3	5	11	10	9	10	17	24	28	34	47	-	-	-	-	-	-	43	36	28	17	12	13	20
4	15	21	25	26	26	25	27	37	46	-	-	69	69	66	61	70	-	-	****	****	****	****	****	****	******
5												- DATA INVALID -													
6												- DATA INVALID -													
7	****	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	34	44	49	48	44	38	36	37	******
8	37	35	36	33	32	28	29	29	29	29	37	43	42	41	41	50	52	42	31	26	18	22	15	14	33
9	13	10	10	9	8	7	9	14	11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	****	****	****	-	71	68	42	36	39	43	43	38	35	26	26	******
16	19	17	14	13	12	11	13	18	23	30	28	28	26	32	39	39	38	37	38	41	40	38	33	35	28
17	45	46	39	30	26	24	23	24	28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	****	****	****	****	****	38	39	42	43	43	38	32	31	25	19	23	******
23	17	13	12	12	16	17	16	18	21	24	27	27	29	30	32	27	27	25	22	23	16	12	8	5	20
24	5	4	3	2	1	2	4	8	14	22	29	33	36	45	42	39	38	33	31	30	28	24	23	22	22
25	20	20	19	15	14	13	13	20	26	38	49	55	62	62	56	56	55	53	51	42	36	34	37	37	37
26	34	37	37	30	31	29	31	36	41	50	52	45	49	47	47	46	46	45	44	33	23	22	18	13	37
27	18	18	7	1	24	24	27	26	31	34	37	44	51	49	47	47	44	44	40	40	36	35	29	31	33
28	28	28	24	23	23	23	25	25	24	23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	55	53	49	46	40	32	32	25	******
MEAN	23	22	20	18	19	18	19	23	27	32	37	43	46	48	47	48	45	43	42	39	34	30	25	24	31.4

PERCENTAGE OF DATA VALID - 41.8 PERCENTAGE OF DATA INVALID - 55.8 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	13	9	7	5	6	7	15	-	49	50	48	47	52	53	49	45	45	48	61	55	53	49	43	36
2	37	34	32	26	24	23	21	26	32	34	39	43	45	42	42	37	35	35	33	30	30	22	20	17	32
3	17	16	14	12	13	13	15	22	28	32	37	39	44	44	41	37	34	31	32	30	20	9	9	6	25
4	4	0	1	1	0	1	4	8	18	23	26	32	38	42	48	53	47	43	32	25	22	18	15	14	22
5	13	10	10	10	11	13	13	16	21	21	24	31	38	43	52	63	65	41	34	32	33	29	27	25	28
6	25	26	27	25	22	18	18	28	36	46	51	52	52	49	47	49	52	53	49	44	41	42	39	35	39
7	32	31	28	29	31	31	25	24	28	35	37	44	48	53	53	56	57	62	65	67	63	58	49	35	43
8	34	30	27	23	24	24	24	28	41	46	49	52	56	57	52	49	****	****	****	****	****	****	****	****	39
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	26	26	24	24	20	18	17	17	17	15	******
16	13	10	8	11	12	12	13	15	17	18	22	24	27	33	36	39	40	39	33	24	17	12	7	5	20
17	1	2	0	0	0	1	3	8	16	23	28	30	29	30	32	33	30	27	23	17	13	10	11	13	16
18	18	19	20	19	18	16	15	15	9	16	-	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	62	46	36	31	29	27	24	20	******
21	18	18	20	23	22	21	20	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	46	40	39	37	37	33	24	******
26	31	32	34	33	23	23	24	27	38	42	-	-	****	****	****	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	69	70	69	69	64	57	54	52	53	48	******
28	29	19	15	15	21	21	18	19	18	17	15	14	14	14	14	14	14	15	15	13	10	9	9	8	15
29	7	6	5	4	4	3	3	8	18	28	41	53	46	43	44	51	48	41	36	22	23	23	21	18	25
30	15	8	5	4	4	3	5	11	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
31												- DATA INVALID -													
MEAN	20	17	16	15	15	14	14	18	25	31	35	39	40	42	44	45	45	41	37	34	31	28	26	22	28.1

PERCENTAGE OF DATA VALID - 47.3 PERCENTAGE OF DATA INVALID - 38.2 PERCENTAGE OF DATA UNAVAILABLE - 14.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	34	34	32	26	24	23	26	35	******
6	38	33	32	27	26	27	26	21	23	32	43	53	49	44	41	33	29	26	24	22	18	17	14	10	30
7	6	6	5	4	3	4	6	11	14	21	25	25	29	29	32	33	31	33	26	24	24	24	12	1	16
8	0	0	1	1	0	0	1	5	13	21	29	33	37	38	37	41	43	43	41	38	36	37	35	33	23
9	23	19	24	24	21	20	21	23	24	31	38	41	42	-	-	-	-	-	-	-	-	-	-	-	******
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	6	10	11	10	9	10	9	9	******
26	41	39	34	33	25	23	19	18	20	21	23	25	28	29	29	29	30	29	28	21	20	15	13	10	25
27	8	8	8	8	8	9	9	14	21	26	30	33	33	-	-	-	-	-	-	-	-	-	-	-	******
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	19	18	17	16	14	14	14	15	19	25	31	35	36	35	35	28	29	28	27	24	22	21	18	16	22.8

PERCENTAGE OF DATA VALID - 19.3 PERCENTAGE OF DATA INVALID - 48.6 PERCENTAGE OF DATA UNAVAILABLE - 32.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	-	-	-	53	54	55	54	43	28	31	31	28	35	39	******
8	46	38	38	34	31	30	33	35	41	46	54	60	64	68	73	75	75	60	53	40	33	30	26	26	46
9	18	13	15	16	8	1	1	6	16	24	28	31	29	33	39	39	31	29	21	19	14	4	0	0	18
10	0	0	0	0	8	14	11	13	19	29	34	36	41	46	43	38	39	38	33	13	5	11	10	9	20
11	3	0	0	5	10	14	15	18	20	18	18	18	16	23	26	21	20	19	18	16	14	11	10	13	14
12	18	19	23	24	24	23	23	20	20	20	23	23	28	26	23	23	24	28	28	31	28	25	23	19	24
13	19	19	20	30	31	29	28	26	30	31	33	35	36	36	36	36	36	38	34	33	26	20	19	16	29
14	18	16	18	19	19	15	9	9	15	29	35	36	36	36	35	35	31	30	34	29	25	15	10	10	25
15	20	21	15	9	9	11	11	18	28	25	26	26	26	28	28	21	18	16	19	19	20	19	16	13	19
16	9	10	5	5	8	3	0	0	3	4	8	9	9	5	4	5	5	4	5	6	8	9	6	4	6
17	1	0	1	4	4	1	1	5	23	39	33	39	54	56	50	51	-	-	-	-	-	-	-	-	23
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	-	-	30	34	34	36	36	38	38	34	20	19	33	28	13	5	16	******
23	6	3	0	0	0	0	0	4	25	34	36	39	40	-	43	41	40	39	35	35	33	25	18	13	22
24	10	6	6	9	9	9	5	9	16	30	38	40	44	44	45	38	29	19	16	26	26	30	29	30	24
25	31	33	34	35	38	40	35	31	30	29	28	24	15	11	11	10	13	18	16	16	19	20	23	24	24
26	26	26	24	20	20	21	23	24	25	29	30	31	34	34	33	34	33	33	31	30	34	35	35	34	29
27	35	35	35	35	35	35	36	35	35	36	35	35	34	35	35	31	29	26	28	28	26	23	24	24	32
28	21	16	14	13	9	8	3	3	4	14	29	44	49	48	48	48	43	38	36	39	39	39	35	38	28
29	36	33	31	31	31	31	30	31	36	40	40	40	39	38	36	35	31	29	29	29	29	29	24	28	33
30	26	30	34	35	33	33	31	29	31	36	40	40	43	45	-	34	30	26	29	29	30	31	31	28	33
31	25	20	19	18	18	16	15	15	16	18	19	23	28	29	29	30	25	19	19	20	21	23	21	23	21
MEAN	19	18	17	18	18	18	16	17	23	28	31	33	35	37	36	35	32	29	27	26	25	22	20	21	25.2

PERCENTAGE OF DATA VALID - 63.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 36.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	24	24	23	23	23	24	24	25	28	29	29	28	28	28	26	25	29	29	29	25	20	18	20	25
2	20	19	20	23	24	25	29	29	31	35	36	39	39	38	38	39	36	23	19	23	23	23	23	24	28
3	16	9	14	21	24	20	19	19	20	20	16	16	18	-	14	16	20	25	23	25	30	31	33	31	21
4	34	34	34	35	35	35	30	25	23	20	20	20	13	10	5	6	11	11	11	13	13	15	15	19	20
5	20	20	19	17	17	18	15	12	12	14	18	19	20	20	19	18	18	17	17	19	16	14	11	10	17
6	7	7	11	13	12	11	6	7	13	16	18	19	19	18	17	16	17	17	17	16	12	12	11	9	13
7	10	10	10	11	11	11	10	9	13	17	18	20	23	25	27	26	23	20	20	19	11	9	14	16	16
8	18	18	16	17	20	22	24	23	21	21	19	22	26	27	27	27	23	12	12	12	11	11	6	2	18
9	3	6	8	9	11	11	11	14	16	20	22	21	19	21	19	19	19	17	16	15	12	9	10	12	14
10	16	19	21	21	21	21	21	21	22	23	26	26	26	26	26	26	26	27	27	27	28	28	27	27	24
11	27	27	26	26	28	27	27	27	26	26	-	-	26	26	26	26	25	23	22	22	25	24	24	25	26
12	25	22	23	24	26	25	19	12	14	22	24	25	27	27	27	25	17	11	11	12	15	15	11	9	19
13	9	8	8	8	9	8	6	6	8	12	11	11	16	13	13	13	10	10	12	13	14	12	11	10	10
14	8	3	5	6	6	5	4	3	4	6	20	24	24	25	26	20	20	15	17	19	19	6	1	1	12
15	0	0	0	3	4	12	15	13	12	14	18	28	27	26	23	19	15	14	16	13	8	15	18	17	14
16	13	13	11	11	9	6	7	9	17	19	25	28	29	29	28	24	22	15	10	9	9	11	11	8	16
17	11	11	11	10	6	15	15	15	18	10	12	14	14	17	19	23	20	16	11	10	9	10	8	10	13
18	3	1	6	13	16	15	10	11	14	15	17	19	24	25	26	23	21	15	16	22	23	24	24	25	17
19	25	26	25	21	19	17	16	16	17	17	18	15	-	-	-	10	9	12	11	10	11	7	5	5	15
20	5	4	4	4	3	1	0	1	3	6	9	11	14	15	15	11	10	13	16	15	13	8	9	10	8
21	11	8	2	2	3	4	5	8	7	8	8	8	8	6	8	10	11	11	13	15	18	18	15	15	9
22	15	15	15	14	15	11	8	6	7	9	12	14	18	18	13	11	8	8	10	13	13	12	10	8	12
23	9	10	10	7	7	7	5	1	1	4	6	6	6	7	7	5	10	15	9	3	6	8	6	4	7
24	4	4	4	3	2	2	2	1	1	1	1	2	2	0	2	1	1	1	1	3	4	6	9	13	3
25	16	17	17	19	20	20	21	18	17	17	18	19	19	19	23	24	24	22	18	16	17	14	11	10	18
26	12	11	9	9	9	9	8	5	5	10	14	19	21	22	21	20	15	8	5	2	2	2	0	0	10
27	0	0	0	1	1	1	7	13	13	12	14	14	15	16	16	16	16	11	10	7	9	12	10	9	9
28	11	13	14	14	14	12	11	10	9	6	6	6	4	4	5	8	8	8	5	5	8	9	8	7	9
29	5	3	0	6	12	17	15	13	14	14	15	17	19	19	20	19	19	18	18	19	16	16	16	13	14
30	14	15	12	10	8	8	8	10	14	15	15	18	18	14	9	15	17	13	14	14	12	13	12	12	13
MEAN	13	13	13	13	14	14	13	13	14	15	17	18	19	19	19	18	17	15	15	15	14	14	13	13	15.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	13	12	10	10	5	5	7	9	12	15	15	14	12	6	3	0	0	2	5	5	1	8
2	2	4	1	0	1	0	0	13	20	17	-	12	11	9	15	10	3	11	12	15	17	19	22	24	11
3	24	25	26	26	26	26	29	27	27	27	27	29	28	29	29	28	26	25	25	24	24	18	18	19	26
4	15	9	5	9	13	18	16	2	3	6	11	16	30	30	31	30	26	26	16	11	8	12	12	13	15
5	10	12	15	15	13	13	14	18	18	24	27	31	29	30	30	30	30	23	19	18	19	19	23	24	21
6	24	23	23	18	18	18	19	23	24	24	23	22	17	20	21	23	24	22	15	10	3	0	0	2	17
7	5	3	1	0	0	1	1	1	1	2	1	2	1	1	1	1	1	0	0	0	4	5	5	4	2
8	3	5	6	7	8	9	8	7	8	-	15	15	17	18	10	4	0	3	4	10	16	17	19	20	10
9	22	22	23	25	24	23	22	18	15	17	21	23	23	24	20	11	5	5	1	0	4	13	13	14	16
10	11	8	11	15	17	18	19	20	21	19	20	21	21	21	19	18	16	16	18	22	23	25	26	28	19
11	26	27	27	25	23	21	18	17	18	22	23	25	26	25	25	24	23	21	18	17	14	13	14	13	21
12	8	5	6	7	7	6	5	5	9	13	15	13	7	6	6	5	5	****	****	5	4	2	4	6	7
13	13	12	12	11	10	10	16	18	19	20	18	19	21	23	26	26	26	25	25	21	20	19	19	17	18
14	17	16	15	14	13	12	16	19	19	22	25	26	25	25	26	27	26	24	21	22	21	21	20	19	20
15	19	19	19	20	19	19	20	17	16	17	17	18	20	20	-	21	15	4	6	7	2	0	0	0	14
16	0	0	0	0	0	0	0	0	0	3	5	7	10	11	12	16	13	5	8	9	13	17	16	13	7
17	17	18	19	20	19	17	15	11	10	13	13	15	19	22	21	24	22	21	17	15	16	12	12	12	17
18	13	11	9	6	6	5	4	6	12	23	24	25	26	25	25	23	19	19	19	19	17	18	22	22	17
19	21	20	21	24	25	25	24	24	23	23	24	25	25	24	24	23	20	18	18	18	18	17	16	16	22
20	15	14	14	15	15	17	17	17	17	18	19	20	23	24	24	25	24	22	22	20	20	19	17	17	19
21	18	18	18	18	18	18	17	16	16	18	19	21	23	24	24	23	22	21	19	18	18	18	19	19	19
22	17	16	14	10	10	10	9	8	8	9	13	16	17	18	19	19	22	21	16	16	15	12	10	6	14
23	2	0	0	0	0	0	0	0	3	7	9	10	12	12	13	11	11	10	10	11	11	8	0	0	6
24	0	0	0	0	0	0	0	0	1	2	8	16	22	23	24	23	-	22	22	22	23	22	19	15	11
25	14	11	7	11	12	12	14	14	14	15	20	22	22	23	24	24	25	22	21	20	19	15	14	13	17
26	14	18	19	18	15	15	16	15	13	16	18	19	18	18	17	16	13	12	15	14	10	7	4	0	14
27	0	0	1	0	0	1	0	0	3	6	8	13	17	18	19	17	10	3	1	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	2	8	11	14	16	17	16	12	8	1	0	0	0	0	0	0	4
29	2	3	1	1	1	0	0	0	2	5	7	8	7	4	3	3	2	0	0	0	0	0	0	2	2
30	4	11	14	16	12	10	15	12	11	11	13	12	15	18	15	11	3	0	0	0	0	0	0	0	8
31	0	0	0	0	0	2	17	17	21	-	25	24	24	25	25	25	22	21	19	15	12	14	17	19	15
MEAN	11	11	11	11	11	11	12	11	12	14	16	18	19	19	19	18	16	14	13	12	12	12	12	12	13.6

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	16.0	25	31
FEB	29	20.4	26	34
MAR	27	26.1	39	54
APR	24	25.9	38	65
MAY	31	30.2	49	99
JUN	23	36.1	74	102
JUL	10	31.4	39	71
AUG	12	28.1	43	70
SEP	4	22.8	30	53
OCT	19	25.2	46	75
NOV	30	15.0	28	39
DEC	31	13.6	26	31
YEAR	261	23.6	74	102

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	127	404	2	0	0	0	0	0	533
FEB	96	568	23	0	0	0	0	0	687
MAR	48	390	211	2	0	0	0	0	651
APR	46	343	196	11	0	0	0	0	596
MAY	50	353	268	65	2	0	0	0	738
JUN	25	244	175	109	12	1	0	0	566
JUL	24	129	129	29	0	0	0	0	311
AUG	51	156	106	39	0	0	0	0	352
SEP	33	66	39	1	0	0	0	0	139
OCT	80	216	160	16	0	0	0	0	472
NOV	222	474	18	0	0	0	0	0	714
DEC	252	483	2	0	0	0	0	0	737
YEAR	1054	3826	1329	272	14	1	0	0	6496

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
74.0	0	6.4	15.8	22.0	28.1	40.1	48.4	60.9	68.3	102	23.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	10	15	15	19	17	19	19	16	17	17	14	17	16	18	16	15	14	12	2	0	0	0	0	13
2	2	3	7	14	10	6	5	4	3	3	3	4	3	3	6	2	2	5	4	6	5	9	18	9	6
3	11	17	22	30	25	24	12	7	0	7	8	11	13	****	****	7	4	0	0	0	0	0	0	0	9
4	2	2	5	10	6	3	0	0	0	3	5	****	****	11	5	3	1	1	1	1	5	4	7	7	4
5	7	14	19	18	20	15	14	13	16	11	15	14	14	13	12	11	4	0	0	1	1	0	0	0	10
6	0	0	0	0	0	0	0	0	0	0	5	10	15	13	13	15	11	8	10	8	4	5	4	4	5
7	9	8	8	13	19	21	19	13	10	14	13	13	14	14	14	7	10	10	12	10	11	15	14	14	13
8	18	18	18	16	15	14	14	12	9	13	****	16	17	14	14	13	11	14	15	12	12	12	12	13	14
9	22	22	20	19	18	20	12	7	10	12	17	18	20	20	18	15	12	14	15	12	14	14	11	6	15
10	4	2	2	3	1	1	1	1	1	1	5	4	6	6	7	3	1	1	1	1	1	1	1	1	2
11	0	0	0	4	8	10	11	12	15	16	14	14	****	20	17	15	13	16	16	22	19	17	17	20	13
12	20	22	22	24	23	23	24	24	22	22	24	23	23	27	27	26	22	20	19	14	14	13	17	[illegible]	[illegible]
13	14	10	6	6	9	5	5	[illegible]	4	8	11	6	6	2	4	5	4	2	2	2	2	1	1	1	5
14	3	3	4	6	7	5	4	[illegible]	1	1	****	4	4	3	2	2	3	2	3	2	5	2	5	3	4
15	11	13	11	12	8	3	0	[illegible]	0	2	****	****	6	4	8	8	5	****	3	5	10	11	10	5	6
16	13	15	20	15	16	16	8	[illegible]	****	****	****	****	9	9	9	6	3	3	2	1	3	3	3	3	8
17	4	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	4	4	3	1	3	3	1
19	4	8	11	14	14	14	14	14	14	10	6	8	8	7	6	4	3	6	11	7	7	9	13	15	10
20	17	17	17	17	16	16	15	15	15	15	17	17	18	17	17	18	17	15	16	16	15	11	10	10	16
21	11	14	16	17	19	16	12	9	7	6	5	10	14	14	14	12	6	1	0	0	0	0	0	0	8
22	0	0	0	0	0	0	2	3	2	1	****	0	0	0	0	0	0	0	0	0	0	0	1	1	0
23	1	1	7	8	9	11	11	10	9	11	16	16	14	14	14	14	14	12	11	14	14	14	14	14	11
24	14	15	15	15	15	15	10	7	6	6	6	8	14	15	14	11	9	3	1	0	0	0	0	0	8
25	0	0	0	0	0	0	0	0	0	0	0	****	****	2	12	16	16	13	10	11	9	8	8	12	5
26	18	24	24	25	27	31	31	25	22	22	25	29	28	27	24	23	21	21	19	21	23	22	24	24	24
27	23	24	25	25	25	26	28	26	24	23	24	26	32	35	34	32	27	29	29	28	20	15	12	13	25
28	18	25	24	24	25	23	21	17	15	20	25	25	28	25	26	26	17	13	9	9	11	11	13	14	19
29	10	7	7	7	7	7	5	2	1	5	10	7	****	23	25	22	9	2	3	3	6	6	5	12	8
30	19	26	28	26	28	27	20	12	11	17	19	23	20	26	25	21	16	5	1	2	3	11	9	8	17
31	11	17	19	21	22	21	11	7	3	6	19	20	21	21	23	21	20	12	15	22	23	19	20	13	17
MEAN	10	11	12	13	13	13	11	9	8	9	12	13	14	13	14	12	10	8	8	8	8	8	8	8	10.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	23	27	29	29	20	7	6	14	21	24	25	25	24	25	24	18	4	2	5	6	7	13	17
2	19	19	20	19	21	15	12	12	17	19	20	21	26	26	28	24	23	19	14	12	10	17	15	11	18
3	14	14	16	20	22	24	26	25	25	26	27	30	28	28	28	28	23	19	17	21	23	20	19	19	23
4	24	23	22	27	27	26	14	7	3	16	22	22	26	27	28	26	23	9	8	10	10	9	11	11	18
5	10	8	5	0	0	0	0	0	0	0	0	*****	11	14	14	5	0	0	0	0	0	0	0	0	3
6	0	0	0	0	0	0	0	0	0	2	3	5	10	8	7	3	2	2	0	0	0	5	5	4	2
7	8	8	12	17	14	12	4	0	2	2	3	7	5	8	10	14	9	3	2	2	1	3	3	6	6
8	13	9	10	13	14	14	4	0	0	5	8	11	15	16	16	13	7	4	2	0	0	4	2	0	8
9	2	6	7	7	7	9	6	4	2	3	10	16	18	18	15	9	3	0	6	8	9	7	7	8	8
10	9	9	8	17	19	19	13	10	11	16	18	19	25	27	28	27	28	26	19	14	16	16	18	18	18
11	18	28	33	32	29	23	19	16	16	19	22	*****	*****	27	24	22	22	20	14	16	20	20	16	14	21
12	19	19	18	22	22	23	16	12	15	23	25	25	28	28	27	27	24	22	19	15	17	21	20	16	21
13	19	20	21	21	17	13	11	8	10	14	17	24	27	30	31	30	26	21	18	21	15	15	16	17	19
14	18	15	13	11	10	10	11	10	9	17	21	24	23	23	24	21	15	6	6	3	3	3	2	2	13
15	3	3	6	3	3	3	6	7	7	9	****	19	26	17	13	9	7	5	5	8	11	8	10	2	8
16	5	5	6	8	9	9	11	6	9	16	19	21	21	23	23	18	16	11	7	9	10	6	7	7	12
17	12	12	12	11	11	11	11	10	9	10	10	10	9	9	9	10	9	7	6	5	4	5	5	3	9
18	4	4	3	2	2	2	2	2	1	1	1	2	3	3	3	3	2	2	2	2	2	1	1	1	2
19	1	1	1	2	2	2	2	1	1	1	****	20	23	22	20	20	16	1	1	3	9	10	4	0	7
20	0	0	0	0	0	0	0	0	0	0	3	8	7	9	9	7	3	2	2	1	1	0	0	0	2
21	1	2	3	5	10	16	9	7	5	7	3	1	4	4	4	5	4	2	5	6	12	18	19	23	7
22	29	29	29	30	32	29	19	15	10	10	9	10	9	5	2	0	0	0	2	3	5	12	17	18	14
23	24	24	23	25	23	26	26	23	21	19	13	13	19	18	15	13	8	4	1	1	5	1	5	7	15
24	15	10	2	7	16	17	18	18	21	24	30	31	33	34	36	34	33	28	23	22	22	23	26	27	25
25	29	29	32	36	38	35	26	14	15	15	19	17	17	13	13	9	5	6	10	11	17	20	19	18	19
26	29	31	29	****	****	****	****	****	****	****	****	27	27	28	29	30	26	24	22	19	16	17	23	27	25
27	32	34	30	27	25	20	13	10	12	15	23	29	29	30	27	25	26	27	23	28	28	28	28	28	25
28	28	30	31	32	29	25	11	5	6	16	16	23	24	21	21	23	22	20	16	11	19	12	11	12	19
29	21	23	24	24	24	26	19	13	14	24	22	25	25	26	27	24	22	19	13	13	13	11	10	8	20
MEAN	15	15	15	16	16	16	12	9	9	12	15	18	19	20	19	17	15	11	9	9	10	11	11	11	13.8

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	6	7	12	14	1	0	6	13	20	24	28	30	31	31	28	25	17	12	10	6	7	5	14
2	6	6	1	2	0	0	0	0	2	7	20	32	34	36	37	36	37	34	22	19	17	17	15	20	17
3	22	18	14	14	13	11	7	6	10	17	20	27	32	34	35	30	24	24	25	32	34	28	26	25	22
4	28	28	26	21	17	15	13	9	11	14	19	23	25	29	32	34	29	21	18	15	16	9	4	0	19
5	7	15	17	18	17	8	2	0	0	0	****	5	11	13	21	26	26	25	29	29	26	26	29	33	17
6	38	38	37	38	36	30	24	19	24	28	32	41	45	45	43	39	35	30	22	21	19	22	18	17	31
7	23	20	16	15	18	21	21	18	16	11	18	30	40	35	30	28	34	12	7	16	15	11	12	12	20
8	4	5	6	4	0	2	4	7	10	13	16	18	17	20	23	23	29	34	36	26	23	25	29	30	17
9	34	29	31	35	37	35	34	32	26	29	40	40	49	57	64	62	62	60	57	53	41	38	35	32	42
10	37	38	42	42	39	36	28	22	22	27	36	38	41	45	44	30	30	27	30	36	39	40	39	40	35
11	41	40	39	37	39	38	35	34	34	35	35	36	36	35	33	32	31	29	31	32	33	33	30	28	34
12	30	34	35	36	33	30	16	18	19	22	25	23	-	-	28	26	26	16	7	1	0	0	0	0	15
13	0	16	38	36	36	37	34	27	24	25	29	28	27	25	26	21	14	12	13	12	12	12	12	13	22
14	16	13	9	8	8	1	0	4	9	17	****	30	36	37	35	35	35	36	33	30	28	26	29	34	22
15	37	37	38	39	40	39	35	33	31	30	32	34	32	31	34	31	31	26	8	4	1	2	3	4	26
16	0	2	4	6	7	9	17	32	36	33	35	36	34	32	29	29	30	23	15	13	3	5	1	8	18
17	18	20	28	27	22	26	19	4	1	11	13	18	21	15	13	3	6	9	14	25	28	31	35	35	18
18	38	39	39	40	40	40	38	36	36	36	36	39	40	40	40	41	43	41	37	34	30	26	27	19	36
19	18	13	11	11	11	12	14	15	21	26	29	29	34	34	35	36	35	18	8	2	4	4	5	1	18
20	5	12	18	12	10	12	4	5	11	25	35	39	38	41	47	51	54	54	40	10	0	6	11	12	23
21	24	23	20	16	14	12	3	6	4	0	1	5	13	19	23	21	21	20	23	25	30	29	28	30	17
22	30	35	35	36	37	37	34	35	36	35	35	35	32	31	29	27	26	25	30	13	11	12	16	18	29
23	21	13	13	18	21	19	16	16	22	28	31	33	31	31	25	31	32	16	13	11	10	9	6	1	19
24	2	4	4	12	12	15	8	5	5	8	12	13	9	4	1	2	0	0	0	0	0	0	12	21	6
25	26	32	34	30	26	25	25	21	19	16	23	****	25	25	25	23	21	18	16	19	19	20	25	28	24
26	38	38	38	35	33	31	26	13	11	13	15	18	23	23	19	17	15	13	14	14	10	8	13	12	20
27	12	12	5	5	3	2	0	4	4	10	16	15	21	23	27	24	20	8	6	8	12	9	8	11	
28	3	2	0	3	6	8	3	0	1	6	6	22	27	23	21	15	13	5	1	3	2	4	19	10	8
29	7	10	16	31	37	36	29	27	20	19	20	20	15	15	16	14	12	14	16	15	11	9	8	11	18
30	11	6	13	14	15	32	34	31	34	34	45	46	46	45	42	40	38	35	30	26	25	24	30	33	30
31	42	43	41	40	42	40	34	29	25	23	18	15	16	16	17	18	14	13	13	13	12	11	17	18	24
MEAN	20	21	22	22	22	22	18	16	17	20	25	27	29	30	30	28	27	24	20	18	17	16	18	18	21.9

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	10	2	7	20	12	0	1	4	15	20	24	13	13	18	22	17	11	13	13	9	2	3	2	11
2	7	1	4	6	8	16	20	2	2	3	5	8	18	26	34	38	38	36	26	16	20	23	24	3	16
3	14	8	0	1	3	0	0	4	9	19	22	25	21	23	27	24	19	16	15	5	27	32	33	35	16
4	36	34	30	28	21	18	****	20	22	19	15	14	10	20	35	41	40	39	36	36	37	36	37	38	29
5	40	40	40	38	38	37	36	35	35	34	33	32	42	42	42	42	43	40	30	15	17	23	24	20	34
6	20	23	27	35	37	35	23	7	18	32	31	27	29	22	****	27	29	31	28	24	16	9	17	14	24
7	18	16	16	14	9	3	0	0	14	24	27	35	37	41	41	30	26	17	25	27	25	19	19	9	21
8	7	16	16	7	2	0	0	2	5	7	7	5	****	****	****	24	14	11	9	14	22	48	46	40	14
9	56	53	50	47	40	14	4	3	6	9	12	22	35	36	37	31	24	27	26	1	0	2	11	23	24
10	29	30	31	29	30	31	31	27	21	21	21	22	25	21	18	17	12	9	7	7	8	10	12	10	20
11	13	15	16	17	17	15	13	13	13	15	17	18	19	15	22	24	24	24	28	16	23	14	6	3	17
12	0	0	4	11	8	1	4	6	4	2	7	9	21	25	24	23	29	29	23	30	27	25	27	26	15
13	32	33	35	35	32	31	31	33	31	31	35	35	36	33	30	26	21	14	12	10	9	11	13	17	26
14	25	25	27	26	23	15	15	14	13	13	16	17	17	22	21	9	4	9	5	0	1	10	21	25	16
15	28	28	27	27	27	28	26	23	22	21	21	19	18	17	16	13	7	10	18	19	13	14	15	18	20
16	21	22	25	28	35	35	32	31	32	34	32	32	36	36	37	34	31	28	27	25	21	22	18	12	29
17	19	16	14	10	9	0	2	22	30	37	37	****	44	45	47	48	43	33	25	14	23	28	26	22	26
18	22	25	28	22	22	22	13	8	9	16	27	29	36	40	42	35	31	29	34	26	16	1	0	0	22
19	0	0	0	0	0	0	0	10	29	38	51	58	65	73	74	60	85	88	78	76	72	74	73	68	46
20	67	60	55	61	59	57	61	59	56	56	58	58	51	47	47	48	42	46	39	28	23	27	15	13	47
21	16	28	32	30	26	19	11	12	20	23	32	37	40	40	42	43	35	31	23	7	5	2	0	0	23
22	0	0	0	0	0	0	2	9	12	22	20	****	23	26	29	28	28	29	22	22	23	21	20	21	16
23	31	35	36	36	30	24	23	15	14	20	22	26	33	32	31	26	30	34	34	29	32	27	28	28	28
24	27	28	33	31	27	21	14	5	9	13	19	25	29	34	31	30	25	20	20	22	20	9	11	21	22
25	25	17	22	25	24	20	13	10	13	24	33	31	29	32	31	29	31	31	25	17	9	8	11	8	22
26	6	6	6	8	6	4	4	6	13	18	21	33	36	31	26	22	20	12	5	3	2	1	1	1	12
27	1	0	0	4	9	8	8	8	17	25	31	35	42	42	42	38	38	32	33	32	29	25	28	38	24
28	43	41	41	36	35	24	11	8	6	6	7	15	18	15	13	14	13	15	18	19	17	17	16	8	19
29	19	20	21	20	18	12	6	4	3	4	****	10	15	16	17	5	6	7	8	9	12	14	11	15	12
30	17	17	15	12	9	9	0	0	3	5	11	19	18	19	19	12	8	7	2	5	0	0	0	0	8
MEAN	22	22	22	22	21	17	14	13	16	20	24	25	30	30	32	29	27	26	23	19	19	18	19	18	21.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	8	12	10	9	1	0	0	4	8	18	21	20	12	15	19	16	17	16	4	8	4	3	2	9
2	5	5	9	12	13	4	0	0	8	31	33	31	25	26	27	28	20	24	25	22	20	6	0	2	16
3	11	19	24	31	34	31	32	30	31	31	32	37	40	41	38	31	25	21	22	6	7	12	14	19	26
4	20	22	24	37	35	32	32	29	20	34	36	38	39	42	43	44	42	40	35	29	28	31	35	45	34
5	44	39	37	31	34	24	18	33	41	47	50	56	58	60	61	59	59	62	59	42	53	44	36	30	45
6	26	27	25	24	19	11	2	5	11	13	14	18	30	34	37	34	34	38	40	32	22	19	6	16	22
7	27	19	35	27	36	35	28	26	21	22	21	21	18	20	18	15	15	17	18	18	16	14	13	14	21
8	16	16	18	15	15	14	17	19	19	19	18	20	22	21	20	17	17	19	21	16	19	21	22	22	18
9	22	25	26	25	22	18	16	17	26	27	24	29	32	32	30	29	28	27	22	16	16	21	15	9	23
10	12	13	14	15	14	13	21	25	30	35	42	48	60	61	62	66	69	66	60	38	45	27	20	27	37
11	48	55	55	54	53	54	55	52	51	49	49	49	39	40	39	38	43	37	36	15	1	1	2	1	38
12	2	1	4	6	3	1	2	8	11	19	22	28	49	44	45	50	53	52	47	32	20	9	8	13	22
13	24	36	34	22	4	2	9	4	10	6	11	13	18	18	11	5	6	12	6	11	1	2	12	15	12
14	17	8	30	39	40	30	22	23	26	26	31	32	34	22	16	21	23	25	24	26	20	19	18	19	25
15	23	25	20	21	15	9	5	8	11	18	19	27	36	34	32	29	29	29	24	18	6	2	7	4	19
16	12	9	13	14	20	11	3	4	12	20	****	****	30	32	30	20	34	30	36	7	2	1	0	0	15
17	0	0	4	23	19	11	10	15	23	30	38	42	50	46	39	45	57	37	42	47	53	51	47	43	32
18	40	49	55	56	51	46	39	38	38	37	34	36	41	45	49	49	45	46	41	39	39	44	43	40	43
19	35	36	39	45	44	42	43	43	43	43	43	43	45	48	51	52	51	39	45	36	9	5	8	12	38
20	14	19	26	11	2	5	7	8	15	11	13	24	34	38	32	25	24	24	17	9	2	0	0	0	15
21	0	2	8	12	4	1	2	3	13	19	30	41	37	34	38	46	43	53	53	51	52	51	52	51	29
22	53	55	47	42	30	32	26	35	49	56	55	59	62	66	71	73	73	70	55	29	18	8	12	49	47
23	36	2	7	5	2	1	0	8	40	****	48	54	51	54	36	46	44	41	25	5	0	0	1	1	22
24	0	2	0	2	17	6	11	8	8	10	25	38	50	63	59	54	51	51	53	39	32	29	27	39	28
25	17	12	18	36	36	34	33	33	34	31	31	32	30	35	35	32	31	25	21	18	22	23	25	23	23
26	29	32	34	34	23	13	8	9	16	22	24	28	31	34	29	22	23	35	35	27	21	21	22	27	25
27	36	36	34	34	32	19	9	5	8	15	25	32	26	****	****	27	32	32	33	12	8	9	18	31	23
28	35	34	34	22	14	6	3	5	13	16	24	33	36	44	46	35	30	22	14	9	14	8	2	0	21
29	4	11	20	13	9	3	3	8	24	22	27	29	27	30	30	28	28	31	23	32	26	24	26	32	21
30	29	26	12	14	16	12	4	20	43	53	****	73	72	70	69	68	72	75	73	68	54	46	46	44	46
31	40	43	47	43	41	43	43	46	49	54	57	54	45	45	43	36	36	36	32	26	21	18	16	18	39
MEAN	22	22	25	25	23	18	16	18	24	28	31	36	38	40	38	37	37	37	34	25	21	18	18	21	27.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	7	5	2	2	2	14	39	44	****	45	46	56	57	54	47	46	54	55	42	41	48	53	58	36
2	63	63	58	48	44	18	10	22	25	27	26	48	50	51	50	51	40	41	40	35	28	27	16	14	37
3	36	33	43	44	45	38	31	31	30	31	42	36	34	34	35	29	31	26	21	8	0	0	0	0	27
4	0	0	0	0	0	0	0	15	21	24	33	44	40	44	47	48	48	48	43	37	22	20	13	13	23
5	15	13	15	10	6	0	0	5	19	28	****	43	40	40	54	54	52	60	56	40	32	33	43	43	30
6	47	48	49	43	47	40	34	37	48	49	47	52	63	54	54	54	53	45	52	38	55	42	46	44	48
7	50	55	55	54	47	38	34	37	42	43	54	56	60	61	61	66	74	76	68	61	61	62	60	59	56
8	60	62	44	31	22	31	26	26	36	38	51	40	40	42	46	52	51	58	57	49	45	44	44	43	43
9	44	42	39	40	38	33	29	29	29	29	28	24	27	29	29	26	23	20	19	12	7	6	1	0	25
10	12	17	14	15	14	11	13	18	18	20	24	23	23	23	20	21	22	19	16	13	9	8	6	10	16
11	13	15	10	0	0	0	0	0	5	6	8	18	19	24	21	25	20	24	20	15	12	9	7	5	12
12	5	4	0	12	29	30	28	22	18	****	27	26	32	29	27	24	28	24	19	18	13	8	6	5	15
13	9	10	9	12	12	6	2	3	3	7	10	11	18	17	23	27	23	23	13	11	14	17	13	3	12
14	14	17	21	20	18	15	19	31	37	39	29	29	34	42	40	34	35	29	29	19	9	12	24	15	25
15	23	27	30	27	21	7	5	5	6	10	11	11	9	10	8	9	9	8	8	1	2	5	5	6	11
16	5	5	5	9	9	7	7	7	5	11	10	9	8	9	12	14	12	11	10	7	1	0	0	2	7
17	0	0	0	0	0	0	0	3	8	15	19	23	30	33	30	19	14	15	14	14	12	9	5	5	11
18	11	11	13	11	16	9	3	6	8	8	12	****	****	36	47	48	46	46	39	16	0	0	22	41	21
19	50	53	49	41	18	6	8	10	12	22	29	39	37	40	38	36	31	30	29	25	7	3	3	0	26
20	0	0	0	0	0	0	0	3	12	25	32	39	42	58	58	50	42	40	38	27	17	18	21	25	23
21	36	43	47	45	43	34	17	16	20	30	34	39	34	37	36	36	35	43	42	28	26	22	19	18	33
22	28	29	33	34	35	10	17	18	17	****	19	18	26	20	24	26	27	26	20	11	4	2	9	9	20
23	9	14	16	14	12	5	1	3	7	13	19	22	24	21	22	22	17	8	0	0	0	0	0	0	10
24	0	0	1	4	13	9	9	10	15	21	31	30	28	30	34	36	37	35	18	4	2	4	2	0	15
25	0	0	0	0	0	0	0	0	10	42	48	53	55	54	57	56	53	57	59	46	40	42	44	35	31
26	41	45	42	42	43	47	40	39	39	42	49	62	69	73	74	77	77	80	76	76	72	68	66	68	59
27	78	74	65	66	62	61	51	48	52	61	72	74	75	72	72	73	78	85	86	75	65	65	60	48	67
28	23	22	18	19	18	9	6	4	2	3	****	0	3	1	1	1	1	1	1	3	4	5	9	7	7
29	1	2	3	2	0	0	1	1	6	10	19	27	42	60	68	74	50	26	19	17	23	15	7	4	20
30	5	1	0	0	0	0	1	3	14	20	32	40	44	45	47	53	59	64	61	56	55	55	59	49	32
31	43	41	39	39	40	39	39	37	37	46	48	52	64	66	68	61	60	56	53	41	36	42	49	49	48
MEAN	24	24	23	22	21	16	14	17	21	26	31	34	38	39	41	40	39	38	35	27	23	22	23	22	27.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	48	48	49	48	46	43	40	37	37	39	45	41	40	42	48	55	59	51	43	41	42	35	38	27	43
2	21	24	32	34	33	27	10	10	12	14	19	27	27	35	36	29	37	39	35	31	23	26	26	17	26
3	25	28	29	25	26	28	8	3	4	14	17	22	31	31	29	18	17	26	26	15	15	8	1	0	19
4	0	0	0	0	0	0	0	0	5	15	51	57	73	80	84	74	73	66	43	35	35	40	34	34	33
5	32	31	37	39	41	29	21	24	27	****	38	38	40	41	36	36	43	45	35	17	11	5	9	27	31
6	34	50	54	45	36	26	23	22	25	26	27	31	29	26	25	23	23	23	18	2	1	5	5	5	24
7	1	6	16	22	25	26	13	14	18	21	26	26	29	30	31	28	26	19	7	0	0	0	0	1	16
8	3	5	5	8	0	0	0	0	6	8	13	29	18	39	51	44	48	56	52	21	24	22	23	20	21
9	29	42	52	55	44	37	29	10	24	****	46	48	56	56	49	10	12	14	15	14	14	16	15	17	31
10	20	20	21	20	16	9	3	4	11	19	22	25	27	27	28	24	26	29	23	14	15	13	14	20	19
11	26	27	24	28	25	18	16	18	26	35	42	47	47	48	49	48	47	49	40	40	43	43	41	40	36
12	25	13	10	17	0	0	0	2	3	4	2	2	2	2	2	2	1	5	3	0	2	2	2	1	*
13	1	0	3	7	10	9	6	4	3	2	4	4	5	4	6	3	1	6	0	0	0	0	0	0	3
14	0	0	0	15	21	29	40	40	39	40	35	31	21	19	20	18	13	10	4	6	8	9	9	7	18
15	10	9	9	6	3	1	0	2	2	4	7	8	13	13	16	16	14	16	14	9	0	0	0	2	7
16	3	1	0	0	0	0	0	0	3	8	18	26	30	35	40	39	26	27	20	9	5	2	0	1	12
17	10	19	24	25	20	15	21	23	29	19	17	18	15	16	17	15	13	16	12	8	6	3	1	2	15
18	1	5	1	2	2	0	0	0	8	8	13	20	23	26	30	31	29	26	12	3	7	6	14	32	12
19	27	34	35	28	24	13	3	3	9	16	20	26	28	30	30	29	28	26	2	1	12	9	13	23	20
20	43	38	14	16	32	24	17	24	34	42	50	51	51	53	53	54	54	51	42	48	46	36	21	1	37
21	1	1	11	11	3	8	6	8	10	22	30	39	52	56	60	63	64	62	61	59	58	45	39	36	34
22	36	32	40	37	38	34	21	17	15	16	15	23	39	40	33	35	42	64	36	17	11	19	24	30	30
23	34	25	21	18	17	15	4	5	7	9	10	12	13	15	15	12	9	8	1	2	2	1	1	1	11
24	3	6	8	3	1	0	0	0	4	6	6	10	10	18	13	6	7	8	8	5	3	2	0	0	5
25	1	0	0	0	0	0	0	0	0	0	12	28	34	23	18	8	0	0	0	14	21	24	16	20	9
26	32	34	34	23	21	19	****	****	16	15	15	16	19	17	15	15	12	13	12	21	6	7	7	6	17
27	5	4	3	3	4	4	2	9	15	17	19	22	21	17	20	23	23	21	16	14	9	8	5	5	12
28	5	5	11	13	14	13	12	15	18	17	19	19	21	22	22	23	17	16	12	4	2	4	1	1	13
29	5	5	5	4	0	0	0	0	2	4	7	15	25	30	35	41	43	35	18	11	5	8	27	32	15
30	12	16	29	18	35	24	7	4	12	21	35	48	55	58	60	57	48	38	18	22	30	22	37	40	31
MEAN	16	18	19	19	18	15	10	10	14	16	23	27	30	32	32	29	29	29	21	16	15	14	14	15	20.1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	44	43	31	28	22	16	8	10	21	35	42	46	57	61	59	56	54	56	51	48	47	47	43	39	40
2	36	36	40	42	41	40	32	22	20	17	23	30	19	17	17	20	17	15	5	0	0	0	0	0	20
3	0	0	0	0	0	0	0	0	2	****	10	8	8	10	3	14	18	18	1	0	0	0	0	0	4
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	******
5	15	13	14	****	****	****	17	17	19	19	18	19	19	18	16	12	11	9	7	6	9	10	6	13	14
6	17	17	14	14	12	7	3	3	11	19	20	21	18	23	18	16	16	23	27	30	31	34	32	34	19
7	31	26	21	10	5	1	1	1	4	12	19	26	27	27	25	25	20	18	9	2	0	0	0	1	13
8	12	17	18	15	24	20	21	22	26	31	****	39	45	****	****	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	0	0	0	6	11	13	16	14	15	14	13	12	6	0	0	1	2	1	0	7
10	0	0	0	0	0	0	0	****	2	7	13	13	19	18	17	17	8	2	0	0	2	0	0	0	5
11	0	0	4	11	12	13	8	7	6	6	8	12	12	13	15	15	12	10	7	7	5	11	9	10	9
12	14	17	19	20	19	18	16	15	15	14	16	13	12	12	12	14	18	19	19	18	16	16	14	17	16
13	18	25	25	25	24	23	19	17	18	20	24	24	24	23	24	26	25	20	17	16	17	17	17	20	21
14	20	19	19	16	12	3	0	0	5	10	12	15	17	17	16	11	6	10	13	5	0	0	0	2	10
15	4	4	0	2	1	0	0	0	0	2	3	3	3	7	6	4	5	2	1	1	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	3	****	30	35	40	39	26	26	22	23	26	26	27	27	24	28	17
18	27	25	24	22	21	19	22	18	17	18	22	23	25	24	23	23	19	11	14	20	18	18	16	17	20
19	15	19	21	22	20	18	18	16	15	13	13	14	15	20	21	22	23	19	9	8	9	13	16	23	17
20	26	28	28	26	24	19	8	2	3	8	18	18	19	19	22	9	9	9	11	11	12	12	8	10	15
21	15	14	12	12	10	9	10	7	12	****	15	19	20	20	20	17	16	17	11	10	8	8	10	14	13
22	24	22	21	21	18	8	7	****	10	13	16	15	16	14	13	8	6	6	9	11	4	0	0	0	11
23	2	6	9	4	2	2	0	0	4	****	****	10	14	15	15	14	12	9	5	3	0	6	13	17	7
24	19	20	21	19	15	9	4	4	4	6	7	9	9	12	12	12	10	5	4	3	3	0	0	2	9
25	7	20	19	19	20	20	18	14	4	2	2	1	2	2	2	4	6	7	7	****	****	****	****	19	10
26	18	17	17	16	17	17	17	17	18	21	24	24	24	24	24	21	21	22	22	23	24	23	22	22	21
27	25	25	25	27	25	22	22	18	16	20	****	25	26	26	24	13	9	4	3	2	4	7	4	2	16
28	0	0	0	0	0	0	0	4	9	20	24	26	27	27	27	26	20	17	21	24	20	19	19	19	15
29	18	18	18	29	32	30	24	12	17	22	23	19	18	17	18	19	16	13	12	17	17	19	15	14	19
30	14	16	15	18	19	17	11	10	12	22	25	29	31	34	30	30	19	18	17	20	20	20	18	15	20
31	14	14	14	14	13	11	8	6	6	13	19	22	26	26	27	27	22	16	18	20	12	11	20	21	17
MEAN	15	16	15	15	15	12	10	9	10	15	17	19	20	20	19	18	16	14	12	12	11	11	11	12	14.3

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 7.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	27	30	33	32	29	25	24	25	22	21	21	15	15	16	17	11	13	15	17	18	19	22	21
2	23	23	27	36	37	37	35	34	33	33	33	34	35	35	35	32	29	18	3	0	0	0	0	0	24
3	0	0	2	5	9	6	4	5	8	14	16	15	19	19	16	12	2	2	7	30	46	47	49	48	16
4	46	43	39	36	37	39	31	30	27	18	14	7	8	7	12	13	8	8	17	18	17	16	23	21	22
5	27	25	24	26	23	24	17	11	5	15	17	15	16	20	20	17	****	13	12	11	8	4	3	5	16
6	11	9	9	8	8	9	8	10	13	****	13	10	2	0	0	0	0	0	0	0	0	0	0	0	5
7	0	3	3	3	3	3	1	0	4	9	15	20	26	27	27	13	5	4	3	3	6	6	9	9	8
8	10	10	10	26	29	31	30	19	15	14	15	16	18	16	16	15	6	0	0	0	0	5	5	2	13
9	2	0	2	2	2	3	3	11	26	26	26	23	23	24	25	26	23	20	21	15	14	17	21	24	16
10	31	34	31	30	30	30	28	23	23	29	****	30	31	30	30	27	24	25	29	30	27	29	26	28	28
11	32	36	36	35	35	34	30	28	27	26	28	26	26	26	27	26	18	18	26	29	26	25	26	27	28
12	29	30	31	31	28	28	20	12	13	21	21	23	26	25	23	23	11	11	10	6	6	4	0	2	18
13	7	8	0	1	6	4	0	0	3	8	****	****	2	3	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	2	2	1	0	9	12	9	8	10	9	9	4	2	2	2	1	7	9	8	9	5
15	13	16	13	4	5	10	17	19	15	17	15	15	18	18	19	17	15	6	6	4	6	11	10	8	12
16	5	2	1	5	7	3	2	1	5	14	19	23	27	24	22	23	12	4	0	0	0	0	0	0	8
17	0	0	0	0	0	0	0	0	0	4	4	8	3	6	9	3	0	0	0	0	2	3	4	9	2
18	14	12	15	18	21	23	10	3	2	5	9	13	14	20	18	13	11	9	13	14	17	20	23	27	14
19	30	29	25	20	21	24	26	23	14	12	13	14	11	11	10	7	5	6	6	2	0	0	0	0	13
20	0	0	0	0	0	0	0	0	0	3	9	15	21	21	22	25	21	14	10	7	5	3	5	3	8
21	6	7	8	7	6	10	11	7	2	2	4	5	4	6	10	11	9	11	15	18	19	23	25	18	10
22	22	22	23	25	25	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	4	8	6	1	0	1	0	0	3	6	6	2	3	2	4	1	0	0	7	0	0	0	0	2
24	3	5	7	10	6	5	2	0	0	0	0	0	1	2	3	0	0	0	1	1	4	8	14	19	4
25	26	26	28	30	30	29	22	22	19	17	20	19	23	23	24	****	****	****	****	****	****	****	****	****	******
26												- DATA INVALID -													
27	****	****	****	****	****	****	****	****	****	****	****	21	19	17	15	12	10	10	14	14	14	14	10	1	******
28	7	8	8	5	3	2	0	0	0	0	0	****	5	4	6	1	0	0	0	0	0	0	0	0	2
29	0	0	1	19	25	27	28	26	24	23	19	16	17	17	20	20	20	21	20	22	20	22	22	20	19
30	13	14	10	17	12	0	8	26	25	27	25	25	21	21	19	16	13	10	11	14	14	3	7	0	15
MEAN	14	14	14	16	16	15	13	12	12	14	14	16	15	15	16	14	10	8	9	9	10	10	11	11	12.6

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	7	14	15	15	14	13	9	0	0	9	20	21	27	30	31	9
3	35	35	36	36	36	36	35	30	24	24	28	29	12	26	26	21	2	2	1	0	0	0	2	6	20
4	9	11	13	16	16	15	3	6	9	10	8	10	16	11	5	1	0	0	0	0	0	0	0	4	7
5	8	4	1	6	6	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	11	16	13	10	10	15	13	13	21	23	22	16	21	27	10
11	18	28	23	11	19	17	11	11	15	19	22	24	24	23	23	20	14	8	6	8	6	6	8	6	15
12	10	8	4	5	3	0	0	0	0	2	4	5	1	0	1	1	0	0	0	0	0	4	6	13	3
13	13	11	11	10	11	15	20	20	22	18	15	20	21	22	24	21	17	14	8	10	16	20	19	15	16
14	14	14	16	19	25	27	26	26	26	29	31	30	32	32	32	31	25	22	14	15	11	0	0	0	21
15	0	0	0	0	0	0	0	0	0	0	****	10	6	2	2	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	2	10	13	8	1	3	10	12	15	17	21	17	11	8	8	11	15	12	15	19	10
17	23	23	22	20	20	15	12	1	0	6	6	11	21	22	21	18	16	13	12	6	14	20	22	18	15
18	13	9	6	4	3	3	15	22	23	24	26	27	31	29	26	19	15	16	21	23	24	26	27	27	19
19	29	29	31	35	35	34	32	28	20	18	19	20	22	21	21	23	18	15	13	13	14	18	20	19	23
20	19	19	21	22	23	25	24	23	22	22	25	26	26	25	17	19	19	18	21	22	18	17	15	20	21
21	24	23	20	22	23	26	19	18	19	20	24	26	32	33	34	31	25	22	20	19	20	18	18	11	23
22	2	1	6	9	11	1	0	0	0	4	5	4	6	7	11	12	11	5	3	1	1	0	0	0	4
23	0	0	0	0	0	0	0	0	0	2	4	7	12	11	10	4	1	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	6	8	11	21	23	28	28	29	28	26	27	27	26	25	25	25	25	16
25	23	17	16	17	17	8	1	9	19	24	24	28	28	28	28	30	31	29	26	25	22	14	10	11	20
26	16	16	18	21	23	24	29	31	29	25	24	24	25	24	21	21	17	14	10	3	1	0	0	0	17
27	0	0	0	0	0	0	0	0	0	1	4	6	7	9	7	5	1	0	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	2	10	14	13	12	9	6	2	2	2	3	0	0	0	0	3
29	0	0	0	0	0	0	0	0	0	0	0	1	5	5	6	2	1	0	0	0	1	2	7	10	2
30	15	18	22	22	24	23	12	7	10	15	18	****	15	15	14	15	7	1	2	3	1	2	7	13	12
31	18	15	9	12	16	14	5	1	3	7	10	7	5	9	11	12	9	2	0	0	0	0	0	1	7
MEAN	9	9	9	9	10	10	8	8	8	9	12	13	14	14	14	12	9	8	7	7	7	7	8	9	9.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	10.4	25	35
FEB	29	13.8	25	38
MAR	31	21.9	42	64
APR	30	21.9	47	88
MAY	31	27.1	47	75
JUN	29	34.8	76	98
JUL	29	34.1	62	88
AUG	31	27.5	67	86
SEP	30	20.1	43	84
OCT	29	14.3	40	61
NOV	27	12.8	28	49
DEC	31	9.7	23	36
YEAR	358	20.7	76	98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	372	345	6	0	0	0	0	0	723
FEB	296	368	19	0	0	0	0	0	683
MAR	157	362	210	10	0	0	0	0	739
APR	174	353	156	27	2	0	0	0	712
MAY	135	298	228	77	0	0	0	0	738
JUN	79	281	165	141	30	0	0	0	696
JUL	127	197	201	171	9	0	0	0	705
AUG	206	223	194	112	2	0	0	0	737
SEP	254	285	137	39	1	0	0	0	716
OCT	254	395	32	7	0	0	0	0	688
NOV	333	298	39	0	0	0	0	0	670
DEC	432	285	25	0	0	0	0	0	742
YEAR	2819	3690	1412	584	44	0	0	0	8549

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.3	0	0.0	8.7	17.2	26.3	44.5	55.5	67.3	74.6	98	20.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	8	10	15	17	18	19	19	18	18	16	14	14	15	11	12	14	15	11	9	8	7	8	13
2	11	13	14	15	15	12	11	8	5	5	5	5	4	4	4	4	2	4	3	3	4	8	14	18	8
3	24	22	21	20	20	20	16	14	13	17	17	16	17	****	5	5	5	4	4	1	2	4	4	4	12
4	9	10	16	14	19	10	3	0	0	6	10	14	15	16	17	14	8	8	13	14	15	14	12	9	11
5	11	10	7	7	9	9	5	2	8	14	18	20	22	20	19	17	10	3	0	3	9	11	9	6	10
6	2	5	10	12	4	7	4	0	4	15	18	18	18	16	14	12	7	8	1	0	0	0	1	2	7
7	12	18	19	20	20	20	19	18	16	12	13	14	14	13	13	14	13	13	11	11	10	11	12	12	15
8	12	14	16	15	15	14	13	12	11	****	13	13	13	14	14	12	10	8	8	8	9	8	8	10	12
9	12	13	13	13	12	11	11	9	7	7	11	15	18	19	19	17	12	10	13	11	11	9	9	6	12
10	7	8	5	5	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11	- DATA INVALID -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	4	6	7	7	9	******
19	14	14	14	17	19	19	16	15	14	17	16	16	13	13	15	12	9	9	10	13	15	17	16	16	15
20	20	24	27	26	27	28	27	23	26	26	27	27	25	26	27	26	19	10	13	22	22	23	24	21	24
21	21	22	22	22	22	22	22	20	17	16	18	19	20	20	20	20	17	14	5	5	4	2	4	5	16
22	11	13	13	12	21	20	16	12	8	****	5	5	6	6	7	7	3	5	11	12	11	13	13	10	10
23	11	14	16	16	19	19	18	18	16	17	18	19	22	22	21	22	23	20	20	19	20	20	23	23	19
24	25	25	26	26	25	22	20	17	16	17	18	21	23	24	23	21	19	14	11	10	6	8	6	3	18
25	4	2	2	4	8	10	5	3	3	7	8	****	****	****	****	2	1	0	2	1	1	2	3	5	4
26	6	9	15	17	15	15	16	16	16	17	17	19	19	19	18	17	17	16	17	17	14	14	14	13	16
27	13	13	14	17	18	18	17	17	17	18	21	21	18	17	16	13	14	16	18	17	16	14	13	15	16
28	14	13	12	13	15	15	12	11	10	14	15	18	19	19	21	20	16	13	10	10	11	12	13	15	14
29	14	12	12	11	9	8	7	4	2	****	****	****	6	7	13	9	7	3	10	17	21	22	21	12	11
30	11	11	11	14	15	12	11	8	9	13	14	15	20	21	15	12	12	5	6	9	4	9	12	16	12
31	20	20	21	22	22	22	20	14	10	10	10	12	15	15	15	12	10	7	7	8	10	11	12	14	14
MEAN	13	14	15	15	16	16	14	12	11	14	15	16	16	16	16	14	11	9	9	10	10	11	11	11	13.0

PERCENTAGE OF DATA VALID - 71.4 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 23.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	21	24	23	22	19	18	16	15	14	12	19	22	22	17	17	15	17	19	18	12	11	18	18
2	23	22	21	22	23	17	23	13	12	13	18	21	20	20	22	20	20	20	19	21	22	22	22	23	20
3	20	19	18	19	19	13	18	15	10	12	13	18	18	21	21	22	17	14	11	14	15	14	12	14	16
4	21	21	20	20	20	15	7	10	12	13	17	18	18	17	17	17	14	9	3	15	15	9	12	14	15
5	16	13	9	4	3	3	3	2	4	5	14	17	20	19	16	12	4	0	0	0	0	0	0	0	7
6	0	0	0	0	2	6	8	6	7	11	17	17	17	17	18	14	12	13	14	15	15	13	11	5	10
7	7	7	5	3	1	7	6	7	13	14	16	17	18	17	11	10	9	4	2	0	2	3	3	6	8
8	6	2	2	3	5	4	2	1	2	7	10	10	14	18	17	16	12	5	0	0	1	1	3	9	6
9	11	12	15	16	20	21	14	14	19	21	13	18	21	20	21	20	19	14	8	9	7	7	9	13	15
10	13	13	12	13	14	11	9	6	9	12	18	26	29	27	28	30	23	19	16	18	19	21	18	19	18
11	22	18	15	13	13	12	7	7	6	10	11	23	25	22	****	20	20	15	16	17	20	20	17	18	16
12	20	17	17	16	15	15	11	11	9	13	****	21	26	25	27	27	23	21	21	20	18	22	22	12	19
13	15	15	17	18	19	21	11	8	7	11	14	13	17	17	20	19	17	16	13	14	13	12	11	12	15
14	6	4	4	8	13	14	12	7	5	6	10	13	14	19	20	19	17	15	16	16	15	16	8	2	12
15	5	2	4	1	0	1	0	3	4	10	13	15	12	12	13	16	19	18	16	13	12	8	10	11	9
16	13	17	19	21	22	18	21	20	20	22	21	18	19	19	19	27	25	21	23	23	25	21	23	23	21
17	11	6	7	9	15	17	19	23	25	27	27	29	28	29	32	32	32	25	22	22	24	27	24	23	22
18	29	29	29	28	24	21	20	15	14	19	22	23	24	24	26	27	28	26	25	25	22	22	22	17	23
19	13	10	10	10	9	9	9	9	10	11	11	15	12	14	****	16	15	7	2	1	0	0	0	0	8
20	0	3	0	0	0	0	0	0	0	2	5	6	5	7	7	3	2	1	0	2	1	3	4	3	2
21	4	1	1	0	0	0	0	0	1	2	4	6	4	3	4	6	4	6	14	16	19	17	18	20	6
22	23	25	27	23	21	18	11	9	6	6	5	4	2	1	3	0	1	1	1	3	6	8	11	14	10
23	13	11	10	14	15	14	16	16	14	13	17	18	20	18	14	12	9	3	1	0	0	1	2	3	11
24	6	6	8	6	5	5	6	7	7	13	20	26	27	26	26	27	27	27	22	18	18	16	17	18	16
25	23	18	13	23	21	24	16	13	17	19	18	20	23	24	24	21	18	19	23	25	26	26	26	26	21
26	26	24	23	24	24	23	20	18	17	****	****	16	21	23	24	21	23	13	15	15	18	15	22	23	20
27	23	24	24	20	19	17	15	16	14	16	19	20	22	25	25	25	26	27	25	25	25	21	19	20	21
28	20	22	24	18	20	20	18	16	16	18	20	20	18	18	21	20	16	16	16	17	19	14	17	20	19
29	21	21	22	25	25	23	18	14	11	13	17	19	17	20	20	21	20	20	20	19	16	11	17	12	18
MEAN	15	14	14	14	14	13	12	10	11	13	15	17	18	19	19	19	17	14	13	14	14	13	13	14	14.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	13	9	7	5	13	18	21	21	21	21	20	20	21	20	17	13	11	10	13	15	20	17	15
2	17	20	23	26	26	25	25	15	21	22	24	26	27	26	26	23	22	21	15	9	9	10	10	10	20
3	16	19	20	18	19	9	2	4	8	16	18	20	19	26	28	24	23	23	20	19	17	20	22	21	18
4	22	23	23	21	19	18	15	12	12	12	16	15	10	15	23	25	23	11	1	5	7	7	8	12	15
5	11	9	11	9	1	2	1	0	0	****	0	0	2	0	0	0	9	18	22	24	25	25	26	26	10
6	29	31	31	31	30	30	25	20	22	26	27	29	29	27	28	28	21	22	21	19	5	6	14	8	23
7	7	1	0	6	14	6	4	4	6	19	17	16	21	21	21	18	10	9	12	16	12	13	12	10	11
8	10	9	8	18	22	23	21	18	19	22	20	20	20	19	18	22	27	26	20	17	16	10	13	16	18
9	17	13	18	17	21	28	29	30	29	34	38	35	35	50	47	41	36	42	35	41	39	40	38	36	33
10	36	31	26	25	26	25	17	12	14	17	18	21	25	26	25	19	15	15	19	21	21	29	31	30	23
11	39	39	38	37	37	36	32	30	29	21	****	36	36	36	36	35	32	31	34	31	28	29	30	32	33
12	33	34	31	32	28	30	24	15	23	26	29	22	22	26	28	24	25	20	16	24	25	24	24	18	25
13	17	15	23	26	26	28	25	25	23	21	20	19	****	21	21	17	14	6	8	13	11	19	17	11	18
14	17	17	17	11	4	2	2	5	5	5	10	22	31	32	34	33	30	28	31	32	32	34	36	37	21
15	33	33	37	39	38	38	37	34	34	33	34	33	36	34	36	35	36	31	21	9	5	6	5	6	28
16	14	5	4	16	28	27	28	28	32	36	37	38	40	40	41	34	29	22	20	5	6	11	9	25	24
17	21	16	39	40	40	41	32	29	29	23	23	28	26	25	25	25	16	17	19	15	14	16	18	23	25
18	29	32	32	31	36	37	33	29	32	23	****	31	34	33	37	34	32	36	25	22	20	25	25	25	30
19	26	18	31	28	25	19	9	6	13	19	17	25	27	28	31	32	31	17	3	1	8	8	11	9	18
20	15	14	18	16	17	15	13	14	13	14	18	27	39	****	45	49	51	30	2	6	2	2	3	1	18
21	1	18	17	4	7	10	3	1	1	1	2	11	4	7	9	14	23	24	24	25	26	28	30	31	13
22	34	34	35	35	34	34	32	30	32	31	30	28	26	27	26	20	19	18	17	18	17	6	7	9	25
23	13	16	11	11	16	18	18	26	25	24	27	32	36	37	34	21	20	15	15	15	11	8	11	20	20
24	30	30	30	28	24	19	10	3	4	4	6	15	24	23	14	9	8	5	6	15	16	20	16	15	16
25	12	3	15	23	27	27	21	19	16	18	17	21	23	22	20	16	16	20	19	21	20	19	13	18	19
26	22	20	16	16	21	19	17	18	15	14	****	****	19	24	27	28	32	27	9	8	13	10	5	2	17
27	0	1	1	2	1	1	1	5	6	15	27	29	31	36	36	35	32	22	15	14	13	11	16	11	15
28	5	3	1	2	8	4	2	4	5	14	15	20	22	20	20	15	10	4	2	4	9	11	12	12	9
29	13	1	0	6	12	14	15	15	18	15	14	15	21	19	18	20	22	28	29	28	25	25	23	17	17
30	9	4	21	28	30	26	22	27	32	32	35	36	40	38	36	37	39	38	34	33	33	37	35	38	31
31	37	37	37	33	27	26	24	23	19	17	17	18	26	24	24	25	21	21	23	25	24	28	20	21	25
MEAN	19	18	20	21	22	21	18	17	18	20	21	24	26	26	27	25	24	21	18	18	17	18	18	18	20.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	15	16	11	8	2	2	2	5	8	23	24	27	33	29	16	14	14	12	7	7	5	4	5	13
2	12	14	14	16	14	12	6	5	5	9	11	9	15	24	38	42	40	18	13	8	11	11	7	2	15
3	1	2	1	1	1	0	1	9	20	****	31	28	-	30	31	26	24	20	20	24	29	30	20	10	16
4	17	16	16	11	8	17	23	26	23	20	18	20	23	26	22	17	26	36	34	35	35	36	33	31	24
5	35	36	36	33	30	29	25	27	28	31	33	35	34	34	36	37	37	35	28	21	15	18	14	16	29
6	19	12	13	12	19	13	22	28	31	35	36	35	37	36	37	32	29	23	15	13	14	12	12	3	22
7	2	1	1	1	4	3	3	3	23	37	39	42	45	45	43	37	33	24	20	31	35	42	41	28	24
8	38	43	42	42	41	39	33	29	33	****	39	41	47	48	40	28	28	20	34	36	30	32	35	-	36
9	44	49	44	46	47	42	25	20	26	17	40	33	36	37	33	26	21	22	11	6	3	3	2	2	26
10	13	31	26	15	24	26	23	17	12	13	15	12	13	14	15	14	16	15	10	7	6	14	17	16	16
11	18	21	21	22	20	19	15	13	16	15	23	20	19	21	35	33	23	25	12	7	17	13	12	9	19
12	8	2	2	4	3	4	9	9	16	22	20	18	25	27	30	31	30	29	39	36	32	29	27	24	20
13	24	22	26	34	33	30	31	32	32	31	31	31	32	34	35	35	36	33	19	11	16	20	22	18	28
14	18	18	19	22	24	24	20	19	18	19	18	23	19	16	17	15	15	12	6	1	4	15	27	30	17
15	36	34	36	33	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16	- DATA INVALID -																								
17	- DATA INVALID -																								
18	****	****	****	****	****	****	****	****	****	****	****	****	37	37	38	23	53	36	33	38	25	12	1	1	******
19	1	1	2	4	1	2	5	13	32	38	46	47	48	51	62	75	72	70	64	54	52	51	53	53	37
20	54	55	60	51	48	51	57	56	54	44	44	51	62	63	62	54	54	48	39	25	24	22	19	11	46
21	5	6	2	5	2	2	4	16	19	25	28	32	37	40	42	41	40	41	28	6	5	-	-	4	20
22	2	2	1	1	1	1	6	17	20	27	29	34	35	34	33	30	29	20	13	14	23	28	-	35	19
23	36	33	24	22	16	15	18	20	24	23	26	30	33	33	30	31	27	31	25	24	24	22	22	21	25
24	22	14	6	4	2	6	8	18	22	22	****	****	****	31	31	30	27	26	26	22	25	24	16	19	19
25	24	21	23	20	23	16	11	3	3	3	10	22	25	25	22	29	27	21	20	14	9	4	1	7	16
26	6	1	7	3	0	1	8	14	22	25	21	25	33	32	34	38	42	43	38	30	5	0	0	5	18
27	6	6	0	4	20	17	17	30	34	37	36	33	31	32	30	31	26	22	9	12	23	27	23	21	22
28	21	25	26	24	24	14	3	4	9	13	14	8	13	13	12	11	15	15	9	9	11	11	11	13	14
29	13	15	15	12	14	7	4	3	****	11	9	12	18	18	14	8	3	2	1	1	1	2	6	6	8
30	1	8	8	3	4	2	2	4	4	5	11	18	28	34	38	37	39	34	26	-	20	21	13	2	16
MEAN	18	19	18	17	17	15	15	17	21	22	26	27	31	32	33	31	31	27	22	19	19	19	18	15	22.0

PERCENTAGE OF DATA VALID - 87.2 PERCENTAGE OF DATA INVALID - 11.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	10	11	7	3	6	8	11	13	19	25	32	45	54	-	49	****	29	28	18	21	13	7	19
2	4	5	2	5	10	8	10	11	12	22	25	28	30	41	41	42	39	41	41	12	9	14	7	2	19
3	2	6	24	30	29	20	18	21	25	27	39	39	45	54	60	65	49	40	33	23	21	24	22	26	31
4	22	21	19	15	15	5	13	27	31	33	35	40	43	44	46	44	43	44	38	41	42	29	31	41	32
5	45	48	45	39	29	12	8	9	16	28	42	55	57	55	54	58	58	60	51	56	52	49	47	43	42
6	41	27	22	15	18	19	13	10	9	10	20	9	****	34	39	37	32	34	32	26	23	21	20	17	23
7	7	11	19	17	15	4	3	17	21	26	27	27	25	23	22	22	23	22	19	17	12	17	17	16	18
8	16	16	17	16	16	12	12	17	24	23	26	23	19	16	20	15	16	20	14	13	9	9	11	16	17
9	19	24	15	17	14	11	13	14	21	29	27	29	29	29	27	27	25	27	23	21	21	17	18	20	22
10	19	21	23	23	22	16	20	30	31	35	40	42	49	51	55	63	69	58	45	25	26	25	26	22	35
11	20	53	60	57	58	58	58	55	51	52	59	62	64	57	45	46	43	40	34	32	24	12	8	10	44
12	16	26	24	21	18	7	11	23	28	32	36	45	32	30	32	14	8	6	4	4	9	21	18	7	22
13	7	20	30	25	27	22	21	23	18	69	22	22	30	32	39	31	28	32	28	13	13	8	5	7	24
14	12	34	38	32	32	20	13	9	12	****	19	30	38	27	30	20	12	11	16	24	13	6	5	-	21
15	6	10	10	12	11	5	9	13	19	17	21	23	22	30	27	26	26	23	21	16	12	5	0	0	15
16	0	0	0	3	0	1	6	13	17	23	28	31	30	34	35	37	37	37	28	4	0	0	0	0	15
17	1	6	2	1	1	1	8	22	34	40	41	57	58	58	56	55	34	57	52	43	35	44	46	43	33
18	45	44	45	43	39	37	38	38	35	32	31	31	32	34	-	42	46	49	30	30	27	37	34	30	37
19	35	38	31	29	28	28	32	32	39	44	45	50	54	61	58	54	51	55	51	26	21	5	3	1	36
20	4	7	17	8	7	9	7	11	16	19	26	26	33	29	33	37	34	28	14	4	6	9	5	1	16
21	1	4	12	15	19	10	1	1	1	54	****	18	24	40	44	45	42	40	40	31	29	26	35	40	25
22	37	33	33	33	26	14	15	18	30	37	51	57	70	85	79	70	63	62	56	53	50	55	52	61	48
23	58	58	52	52	43	21	18	16	28	49	57	66	76	78	81	73	63	63	49	29	8	1	0	0	43
24	2	2	4	4	1	5	9	17	8	17	31	49	72	79	92	77	66	64	64	62	63	34	28	18	36
25	33	34	60	52	35	27	29	33	33	37	38	39	39	41	42	43	37	39	34	15	4	13	20	****	34
26	****	****	****	****	****	****	23	21	25	23	29	****	****	****	39	33	41	44	26	21	21	11	14	22	******
27	28	****	23	24	20	19	12	13	16	35	16	22	24	17	13	16	18	26	13	3	4	2	1	14	16
28	8	10	12	8	11	8	8	5	****	17	23	****	****	****	****	****	38	37	30	16	5	5	5	5	14
29	4	11	9	14	7	5	7	9	19	29	27	31	40	41	41	****	26	30	30	33	32	27	12	32	22
30	25	16	23	26	25	13	13	11	31	58	63	67	66	66	68	73	68	65	55	47	48	50	41	43	44
31	41	39	42	42	39	34	33	35	39	47	53	58	60	64	58	44	38	36	36	34	28	26	22	20	40
MEAN	19	22	24	23	21	15	16	19	23	33	34	38	43	45	46	43	39	40	33	26	22	20	18	19	28.2

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	21	23	27	26	26	24	23	21	20	22	24	26	28	25	24	24	26	25	22	22	22	18	23	23
2	32	30	28	19	13	12	9	7	****	11	17	19	20	18	41	37	35	32	30	39	22	35	28	27	25
3	30	17	11	16	17	16	12	10	14	14	14	17	30	36	34	43	40	37	26	24	21	14	20	21	22
4	21	22	21	21	21	17	19	15	9	****	30	36	37	34	32	31	28	28	27	16	17	10	7	5	22
5	8	8	8	2	1	3	5	16	25	****	****	35	37	46	54	61	67	58	32	26	13	5	2	1	23
6	4	16	16	15	24	19	15	17	19	20	18	17	22	34	38	32	25	28	29	30	26	39	34	11	23
7	13	28	35	36	33	33	28	27	29	33	29	34	42	55	42	40	38	40	33	43	32	30	35	34	34
8	36	35	30	42	38	31	21	17	17	19	25	27	25	23	22	25	33	32	30	28	25	28	26	25	26
9	17	17	17	19	20	17	13	11	18	24	27	24	30	33	34	31	30	33	30	26	27	23	16	18	23
10	22	21	19	17	16	11	9	9	18	40	15	18	21	23	25	32	34	29	21	23	23	19	22	25	21
11	18	21	29	29	27	21	22	****	20	****	****	****	36	28	24	26	29	33	27	15	1	0	1	0	20
12	0	1	0	0	1	2	4	10	****	****	****	35	37	37	35	41	38	64	52	35	31	-	-	46	20
13	38	27	20	30	25	21	21	30	38	-	-	-	65	74	77	68	74	76	****	****	22	49	44	37	44
14	20	23	38	44	****	****	****	****	****	****	71	78	84	85	99	101	81	77	68	61	57	51	56	70	65
15	63	70	63	63	63	60	59	57	52	58	54	67	67	49	11	7	10	11	9	9	12	14	15	16	40
16	18	19	19	21	20	21	16	18	21	24	****	26	****	34	****	36	38	38	35	23	26	23	7	5	23
17	3	4	1	3	1	3	5	15	21	29	46	32	35	39	41	34	33	32	28	23	27	25	30	35	23
18	36	39	36	37	32	23	22	25	31	37	44	43	51	53	47	41	42	56	41	40	45	41	31	26	38
19	30	38	42	36	38	15	8	8	27	57	53	43	53	61	67	63	67	70	30	26	30	38	35	34	40
20	39	48	49	28	26	27	26	21	21	27	30	30	29	25	15	13	14	6	1	1	1	6	2	5	20
21	4	4	10	9	10	6	12	16	23	23	25	35	41	49	44	42	47	39	40	33	31	33	30	21	26
22	18	31	33	38	34	21	27	31	30	37	47	57	63	63	66	72	69	67	62	45	44	41	45	47	45
23	44	44	40	45	45	35	27	36	48	58	59	68	65	64	79	86	88	88	86	70	49	50	58	63	58
24	74	64	59	51	37	23	24	21	38	31	82	68	71	94	102	107	-	85	71	51	53	50	58	92	61
25	95	84	89	89	75	50	45	58	65	77	78	85	89	95	90	78	62	67	70	****	41	47	42	54	71
26	61	63	68	64	64	53	43	38	42	46	53	49	58	69	69	72	74	76	73	74	71	38	46	49	59
27	4	2	29	25	19	22	22	18	13	****	9	9	17	27	40	49	51	47	36	29	24	5	4	13	22
28	7	19	23	24	22	10	10	9	13	14	13	9	14	19	25	29	27	22	20	18	16	17	11	4	16
29	19	22	20	19	22	****	****	17	11	14	14	19	26	37	46	58	60	47	43	43	29	17	25	22	29
30	19	21	23	24	19	18	16	18	19	20	26	30	****	38	41	37	35	35	23	24	22	15	12	11	24
MEAN	27	29	30	30	27	22	20	21	26	32	36	37	43	46	47	47	45	46	38	32	29	27	26	28	33.0

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	17	17	18	16	13	15	21	27	32	37	41	48	53	62	59	56	56	53	49	40	42	35	38	36
2	41	46	47	47	46	33	19	9	21	23	31	45	60	58	55	52	57	59	53	39	11	1	4	1	36
3	1	2	1	1	0	1	3	16	0	14	24	29	33	34	46	65	71	81	66	69	61	53	42	28	31
4	20	19	29	32	35	18	32	48	57	66	73	****	95	89	71	62	69	61	44	23	9	22	28	9	44
5	34	27	21	34	36	40	43	45	45	63	62	51	39	44	53	64	64	55	52	49	39	36	26	33	44
6	31	35	35	28	26	26	28	28	27	31	36	39	42	45	45	40	39	38	31	20	11	6	3	3	29
7	4	11	13	14	14	5	4	13	24	23	28	32	37	36	39	35	40	43	40	30	22	24	32	44	25
8	48	52	46	44	43	30	19	29	30	40	31	36	60	68	71	****	****	42	32	14	8	12	6	2	35
9	3	2	2	7	5	2	6	7	16	23	24	21	28	35	34	21	21	29	26	11	3	2	1	2	14
10	2	2	4	13	4	6	16	15	****	29	34	50	50	52	64	58	****	54	54	39	44	57	51	54	34
11	54	63	63	62	61	63	48	27	34	43	55	60	65	59	61	56	47	44	35	23	14	10	10	10	44
12	11	17	18	11	3	6	6	17	21	26	29	34	37	26	29	29	33	35	30	29	13	1	1	0	21
13	0	1	0	1	1	2	8	16	19	25	24	25	33	50	57	56	51	49	38	34	26	32	25	29	25
14	29	29	26	24	21	20	17	21	36	41	44	49	54	60	57	51	55	61	60	52	50	54	40	39	41
15	56	57	59	62	52	48	41	40	41	40	25	37	60	67	99	87	49	36	43	79	72	59	55	48	56
16	45	45	32	26	23	14	20	22	27	30	40	44	45	41	53	63	77	53	40	22	45	47	52	67	41
17	75	74	73	64	50	39	34	35	36	39	44	53	60	52	46	37	37	45	43	40	35	28	19	9	44
18	5	4	6	4	5	4	3	9	20	30	32	40	45	48	55	50	47	47	49	34	21	16	20	24	26
19	24	28	28	28	18	15	21	28	31	46	54	67	84	90	95	98	86	92	89	82	72	60	43	53	56
20	47	55	63	63	64	58	44	38	50	63	66	70	79	81	84	87	84	71	77	68	78	56	69	71	66
21	73	73	62	55	39	42	34	37	45	51	56	58	59	64	66	65	68	66	41	50	49	46	46	58	54
22	53	44	39	50	45	39	29	23	11	17	****	30	29	32	29	32	31	32	****	32	34	27	22	21	32
23	16	16	13	8	6	10	7	10	14	19	24	32	37	34	36	37	40	37	29	21	14	12	6	2	20
24	1	1	2	1	4	4	4	10	10	17	20	25	26	29	32	45	45	44	25	9	16	21	24	24	18
25	20	23	19	21	20	9	9	10	12	23	34	53	60	64	64	64	66	65	58	48	36	38	39	49	38
26	50	53	52	51	47	38	37	36	43	39	35	35	45	48	35	24	31	35	32	26	10	1	1	1	34
27	1	1	1	1	3	3	5	14	24	36	34	52	71	71	83	95	123	106	127	122	72	44	38	33	48
28	33	33	39	40	33	19	9	6	11	18	13	19	18	22	-	-	28	26	21	21	-	-	-	15	22
29	11	3	2	2	22	18	19	27	14	56	65	80	59	76	40	37	24	30	40	49	47	38	27	43	35
30	39	31	30	30	19	6	7	20	33	24	30	35	****	****	****	39	42	35	25	14	7	8	9	7	23
31	5	7	14	8	3	3	4	11	20	24	28	32	32	51	55	58	113	138	138	120	115	106	107	****	52
MEAN	27	28	28	27	25	20	19	22	27	34	38	42	50	54	56	54	55	54	50	43	36	32	29	27	36.3

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	38	26	13	10	8	12	11	44	60	57	60	59	57	50	45	56	63	67	65	63	53	43
2	40	42	45	45	46	35	27	35	40	42	37	45	55	50	46	40	37	36	29	23	26	27	30	25	38
3	24	25	23	15	15	14	15	14	23	33	35	40	50	58	57	58	55	46	50	37	38	26	15	7	32
4	0	0	0	0	0	0	3	9	15	25	28	36	45	50	50	37	36	32	25	14	13	11	10	11	19
5	10	7	7	15	19	18	15	15	19	23	25	31	40	48	56	****	72	45	30	25	25	25	20	19	26
6	24	31	30	32	32	25	19	25	32	37	42	****	****	****	****	53	47	43	41	34	42	54	48	33	36
7	33	40	40	45	47	36	15	14	23	27	39	49	53	56	64	66	54	-	41	54	53	51	50	43	43
8	44	49	41	40	34	24	23	26	32	36	42	48	56	53	44	46	48	44	50	51	43	35	7	26	39
9	****	30	25	24	24	23	22	22	24	26	30	35	39	40	42	38	37	35	40	18	19	11	3	4	27
10	5	8	10	5	5	6	10	16	19	22	22	20	16	16	18	19	21	20	16	11	7	4	4	7	13
11	3	3	4	4	4	1	0	0	2	14	23	27	33	42	32	32	****	29	22	12	28	7	6	20	15
12	30	18	****	16	9	0	0	4	14	23	23	32	35	35	34	32	29	28	19	12	10	11	3	2	18
13	2	6	6	1	0	0	0	3	6	****	28	24	25	32	29	20	22	21	14	12	6	5	4	7	12
14	8	8	16	25	24	27	17	18	32	28	23	20	23	31	30	32	41	43	36	23	40	44	36	28	27
15	15	20	21	23	19	8	6	11	17	17	18	27	31	34	32	35	34	36	24	9	13	10	11	11	20
16	14	17	18	18	17	15	14	12	15	16	19	23	27	33	33	31	30	27	19	9	6	3	0	0	17
17	0	0	1	0	0	1	1	6	10	19	27	26	30	28	29	31	24	19	18	10	6	4	2	0	12
18	0	7	15	6	4	7	6	5	11	13	13	17	****	18	14	15	19	22	28	28	27	35	28	32	16
19	38	44	45	40	39	36	30	25	29	14	37	40	42	44	52	60	54	41	35	28	29	28	26	26	37
20	23	21	23	20	13	3	3	13	19	34	23	39	71	73	58	52	40	34	34	24	22	20	25	23	30
21	20	14	-	****	8	1	2	10	26	34	45	51	50	62	65	50	56	58	42	22	32	34	36	40	34
22	38	39	36	38	35	27	19	12	12	17	19	26	34	43	44	42	36	30	25	22	8	4	12	19	27
23	30	26	21	9	1	1	2	9	17	28	34	38	44	43	50	54	53	50	47	14	1	13	17	0	25
24	1	1	1	1	1	1	3	9	16	20	25	34	29	30	26	24	26	32	19	2	1	1	0	0	13
25	0	1	3	2	2	1	1	1	5	21	30	38	45	63	63	73	80	81	51	23	30	32	23	30	29
26	35	43	41	40	43	24	20	-	****	****	****	****	****	****	62	69	62	69	68	68	61	54	57	59	51
27	65	60	62	64	60	48	39	41	51	57	60	65	66	68	77	72	73	62	58	59	57	55	55	46	59
28	26	22	19	23	24	19	12	13	14	10	11	9	6	37	9	8	11	10	9	6	1	0	2	3	13
29	1	0	1	3	1	2	0	1	2	8	10	17	32	43	48	50	32	29	10	3	7	10	10	4	14
30	1	4	9	10	7	4	4	6	25	39	38	33	47	54	49	****	65	57	52	48	49	52	47	39	32
31	27	27	30	28	28	30	31	31	34	34	33	34	41	49	54	50	48	42	43	34	24	29	40	35	36
MEAN	19	20	21	21	19	15	12	14	20	25	29	34	40	45	44	43	43	39	34	26	26	25	22	21	27.2

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	39	39	34	28	26	28	33	34	37	42	40	42	45	47	57	59	56	48	48	41	31	27	36	40
2	37	35	33	30	29	23	16	11	11	9	18	18	19	27	23	28	21	25	11	3	8	6	14	12	19
3	13	16	17	11	15	15	12	11	17	15	20	27	29	38	44	41	35	36	22	11	1	0	1	0	19
4	1	0	8	6	4	1	2	7	13	8	30	46	54	53	47	55	67	60	36	-	19	35	27	30	25
5	23	23	27	27	27	20	15	13	22	30	36	35	40	42	43	37	35	30	17	16	7	8	6	14	25
6	21	33	42	46	43	37	25	24	27	34	38	46	56	56	51	48	43	49	21	6	5	5	8	8	32
7	5	2	3	3	4	7	8	18	20	18	21	25	29	27	29	37	37	33	11	12	18	21	8	1	17
8	1	3	7	11	5	0	0	0	6	18	20	17	19	24	24	30	28	27	14	1	0	0	0	0	11
9	1	11	18	17	16	11	6	2	3	45	30	43	45	77	68	43	30	15	11	13	15	15	16	19	24
10	21	20	19	17	14	9	7	7	12	18	21	23	25	24	24	25	22	20	18	17	17	15	16	20	18
11	20	22	22	20	18	12	10	18	24	26	29	34	39	43	46	48	55	45	39	39	37	44	38	34	32
12	27	24	17	11	9	1	5	8	10	11	10	14	16	18	16	11	13	11	11	10	6	12	11	11	12
13	10	8	9	12	11	7	7	5	5	3	3	2	2	2	7	2	2	1	2	1	1	1	1	1	4
14	6	17	25	36	33	26	23	10	6	9	22	42	48	48	33	19	9	8	10	12	13	16	14	15	21
15	15	15	14	11	8	6	3	-	8	9	14	15	15	17	19	18	19	15	4	0	1	0	0	0	10
16	1	1	1	2	4	4	3	3	6	11	15	24	29	30	31	29	23	13	13	12	20	32	34	35	16
17	33	34	37	38	42	38	34	33	36	37	36	28	20	23	26	23	19	13	13	12	14	20	19	23	27
18	22	21	19	14	11	3	3	10	19	24	22	27	26	27	23	21	19	15	6	3	2	1	1	2	14
19	2	10	18	25	23	12	8	5	8	15	14	21	28	32	32	31	32	31	14	2	1	1	1	3	15
20	11	23	26	23	23	21	10	9	20	28	40	49	50	57	63	59	57	45	31	19	15	18	11	10	30
21	2	16	22	20	16	10	3	8	24	30	33	34	33	45	52	53	51	45	43	43	46	44	45	37	31
22	34	29	29	24	21	14	8	6	12	15	13	11	16	24	35	40	41	32	30	29	22	12	17	21	22
23	26	25	28	21	17	13	10	10	5	34	12	13	15	16	16	15	12	12	4	1	2	2	4	6	13
24	11	10	3	2	5	5	3	3	14	17	18	19	18	20	17	16	15	14	12	10	7	7	9	6	11
25	0	0	1	0	1	1	0	0	2	3	2	2	18	20	18	28	28	8	2	3	2	26	22	27	9
26	17	26	23	25	23	19	15	12	10	12	13	13	14	15	16	17	15	16	15	15	14	12	16	18	16
27	10	5	7	8	8	-	5	7	10	20	24	24	21	20	19	15	21	17	21	18	17	14	9	10	14
28	9	3	1	6	6	10	15	19	22	22	20	20	23	25	26	29	24	8	4	1	1	1	1	1	12
29	1	3	3	1	3	1	1	2	8	12	15	18	18	23	25	28	22	10	0	2	6	2	2	12	9
30	13	30	32	33	34	25	21	15	20	11	25	28	33	38	38	-	29	18	3	5	3	4	13	18	21
MEAN	14	17	18	18	17	13	10	11	14	19	22	25	28	32	32	31	29	24	16	13	12	14	13	14	19.1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	23	23	25	19	8	5	5	9	13	20	27	34	37	41	45	39	28	23	37	37	25	26	26	25
2	25	34	37	33	29	22	20	12	13	18	18	21	25	22	21	-	14	9	1	0	0	0	0	1	16
3	1	****	1	1	1	1	1	1	4	13	13	14	19	14	18	15	8	6	1	14	17	21	11	6	9
4	8	14	14	13	13	8	10	6	10	11	13	14	16	15	14	13	12	11	12	12	12	12	12	13	12
5	11	13	13	13	12	13	9	9	11	15	21	19	13	14	11	8	10	7	3	2	2	1	1	1	10
6	1	2	2	2	2	1	1	2	4	9	10	15	14	17	11	3	8	-	1	1	1	3	6	3	5
7	9	6	13	14	10	3	1	1	4	31	18	23	26	30	22	25	14	15	8	12	8	5	2	10	13
8	20	21	24	25	25	21	13	13	21	-	-	35	40	40	41	40	40	34	11	12	13	13	14	13	24
9	11	15	17	18	14	7	1	3	14	18	18	22	22	26	26	24	22	14	6	4	3	3	3	3	13
10	3	3	3	3	3	3	3	3	8	11	17	18	18	19	22	20	21	9	3	3	3	3	3	4	9
11	10	13	6	4	4	5	8	9	18	16	14	13	8	8	10	13	10	8	11	10	11	11	9	9	10
12	9	13	16	19	20	19	18	17	15	15	17	16	17	15	15	15	15	17	18	21	22	20	19	21	17
13	14	13	14	14	15	19	23	24	25	25	22	20	24	25	22	22	25	23	23	21	16	10	9	11	10
14	11	13	12	12	9	5	3	3	7	15	16	19	17	15	18	16	10	7	13	14	14	10	10	9	12
15	7	8	4	4	5	4	4	4	4	7	8	9	11	11	11	7	6	4	4	4	5	4	4	4	6
16	4	4	4	5	5	5	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4
17	4	4	4	4	4	4	4	4	7	17	26	34	32	31	28	13	19	8	12	17	25	18	15	15	15
18	20	21	16	15	15	9	10	11	14	19	21	21	24	24	22	18	20	20	18	9	12	17	7	8	16
19	10	14	18	21	19	17	15	15	14	13	15	15	12	9	12	12	10	9	10	8	7	6	10	11	13
20	14	13	16	16	16	12	7	7	9	10	11	11	10	13	15	14	9	7	3	3	6	7	7	6	10
21	6	8	11	16	15	13	10	4	13	14	15	15	14	18	11	9	9	12	7	4	2	1	0	0	9
22	1	4	6	6	6	6	3	2	6	0	****	13	10	12	9	9	6	3	3	7	8	12	14	13	7
23	14	10	4	0	1	5	1	2	10	15	18	20	19	18	15	12	12	6	8	8	4	4	2	4	9
24	5	9	8	7	8	2	0	1	6	7	16	16	13	18	10	5	7	3	3	-	2	8	15	16	8
25	18	20	22	18	17	12	12	11	5	3	-	3	2	1	2	2	4	4	6	7	5	4	7	13	9
26	14	16	16	14	13	13	14	15	15	15	16	19	18	19	18	20	18	18	17	15	18	19	20	16	17
27	20	21	22	22	22	23	19	18	16	19	20	19	20	20	15	13	10	8	6	3	1	2	1	1	14
28	7	11	10	5	3	0	0	0	0	5	2	16	20	17	19	19	13	4	13	18	17	16	17	17	10
29	22	23	20	19	19	18	15	10	8	15	14	14	11	9	12	10	6	7	11	11	10	4	7	1	12
30	9	16	17	17	20	12	13	9	8	21	23	26	20	22	21	24	17	7	19	16	17	16	19	24	17
31	24	22	20	18	17	17	14	8	10	16	18	16	19	22	20	17	10	4	6	13	15	7	12	14	15
MEAN	11	14	13	13	12	10	8	8	10	14	16	18	18	18	17	16	14	11	9	10	10	9	9	10	12.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	15	16	13	14	17	16	13	13	15	17	16	14	14	12	12	12	9	14	17	18	20	21	20	15
2	19	8	18	21	22	18	21	22	16	23	24	23	23	21	19	15	7	2	0	0	0	0	0	0	13
3	0	0	3	-	12	13	4	1	4	8	9	8	9	5	4	2	4	9	11	12	13	16	18	20	8
4	24	28	29	25	28	26	30	21	17	20	17	13	6	-	3	1	1	1	5	7	11	10	10	14	15
5	14	16	17	13	16	16	11	7	5	11	14	15	15	13	12	10	8	8	13	16	15	6	4	8	12
6	10	8	14	11	11	9	7	8	10	15	8	-	15	13	12	12	11	12	13	12	12	13	14	13	11
7	14	14	14	12	12	12	12	12	10	16	-	18	23	22	16	15	7	3	4	5	6	0	0	4	11
8	13	11	11	13	16	20	19	17	16	17	19	22	23	23	21	16	12	7	3	3	1	1	1	0	13
9	1	0	2	4	4	7	10	17	22	23	-	27	26	22	17	14	18	14	10	14	14	11	9	10	13
10	16	22	24	24	24	25	24	21	19	21	24	25	25	22	21	21	20	22	24	25	29	27	26	26	23
11	27	28	28	28	28	29	27	23	17	14	19	17	20	20	21	20	20	20	19	20	16	15	16	18	21
12	21	24	24	24	25	25	20	14	7	6	15	20	20	15	12	14	8	3	5	6	7	5	5	3	***
13	6	4	4	5	2	4	1	1	4	6	6	6	4	3	5	4	4	1	2	2	1	1	1	1	3
14	1	1	1	5	6	3	1	1	1	3	6	7	7	7	11	9	5	5	6	6	7	7	10	10	5
15	12	13	13	13	14	15	16	11	6	13	16	16	17	15	12	10	3	8	8	11	14	13	11	13	12
16	17	15	16	15	15	12	4	2	11	19	20	20	20	23	20	18	11	3	3	1	1	1	2	1	11
17	2	2	2	2	3	5	3	2	2	3	-	3	6	10	6	6	4	3	3	2	1	1	4	5	3
18	39	13	19	20	22	23	23	14	15	21	18	19	11	****	12	8	4	4	13	14	18	20	20	21	17
19	23	25	24	19	21	18	14	11	10	14	19	18	15	12	10	3	0	1	2	5	6	3	5	5	12
20	3	4	3	3	5	4	2	1	2	4	7	****	11	15	17	13	5	2	2	2	3	2	4	4	5
21	6	3	1	1	2	3	4	2	2	4	4	6	8	8	6	5	7	7	6	8	12	15	16	14	8
22	15	14	15	14	16	18	9	8	10	12	14	14	18	16	13	12	9	7	11	10	11	12	11	10	12
23	10	9	12	10	4	2	2	2	3	5	7	6	5	4	6	7	11	15	10	8	5	4	3	3	6
24	2	3	3	3	4	3	3	2	2	2	3	2	3	3	****	2	2	2	2	2	2	2	3	4	3
25	13	15	18	21	22	21	18	16	14	15	14	16	16	14	16	18	16	15	19	18	15	14	9	4	16
26	5	5	5	4	6	9	6	2	3	8	13	16	16	11	11	7	1	0	0	0	0	0	1	0	5
27	-	1	0	1	0	1	4	5	5	7	4	11	9	7	11	11	7	9	10	9	6	3	5	3	6
28	4	5	9	3	6	6	2	1	0	1	2	1	2	4	2	1	1	1	1	2	2	2	4	4	3
29	6	5	4	3	12	21	21	18	15	16	17	19	20	22	21	20	16	16	16	16	19	17	17	17	16
30	17	16	19	17	14	13	13	13	15	18	18	19	21	14	10	11	10	12	14	15	13	12	14	15	15
MEAN	12	11	12	12	13	13	12	10	9	12	13	14	14	14	12	11	8	7	8	9	9	8	9	9	10.9

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	17	15	13	7	4	3	5	7	9	****	****	4	2	1	1	1	1	1	1	0	0	6
2	1	0	1	0	0	1	1	4	6	7	11	15	14	13	10	8	3	15	15	15	19	20	24	26	10
3	28	30	31	32	33	32	32	27	22	23	27	28	27	25	21	19	18	14	8	10	6	4	5	11	21
4	8	5	2	3	5	16	9	7	10	4	****	22	****	22	21	14	5	7	3	0	0	-	0	0	8
5	0	0	5	6	2	5	1	1	3	8	17	22	23	22	20	17	6	1	0	1	1	3	1	2	7
6	5	2	2	-	3	6	4	4	4	7	9	7	6	9	13	8	1	0	0	0	0	0	1	0	4
7	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
8	2	1	2	7	8	6	2	3	4	7	11	12	14	16	16	11	2	0	1	3	4	7	13	16	7
9	20	22	23	23	24	21	13	6	3	2	12	12	14	7	6	7	5	4	2	1	-	-	2	5	11
10	9	9	8	9	13	16	15	13	10	12	16	17	20	20	20	16	****	****	17	23	24	26	27	29	17
11	28	25	24	25	16	14	11	10	9	14	19	23	22	18	19	19	17	16	15	15	-	-	-	13	18
12	14	12	9	8	7	8	6	4	3	4	4	2	2	4	6	6	6	2	4	3	3	5	4	5	5
13	7	7	8	8	7	9	17	20	20	19	16	16	21	23	22	20	19	18	17	13	10	12	17	19	15
14	20	22	23	23	20	18	18	25	24	25	30	28	29	29	29	28	25	22	19	18	17	17	20	21	23
15	23	21	21	19	20	15	8	1	2	4	5	10	11	****	****	5	1	0	****	8	6	4	2	2	9
16	2	2	5	5	5	4	3	3	6	8	10	5	5	8	9	7	7	9	3	3	2	6	6	6	5
17	8	10	13	15	16	17	14	8	10	11	11	13	15	12	9	6	4	5	10	13	****	15	13	12	11
18	16	16	12	7	6	7	6	6	6	11	15	13	14	14	13	14	12	19	18	14	11	-	-	-	12
19	20	18	20	23	25	28	27	24	21	17	19	21	-	-	14	9	7	12	13	12	14	13	13	12	17
20	10	10	14	13	14	15	15	13	13	16	17	18	19	18	18	17	14	12	14	14	14	17	15	15	15
21	15	14	16	17	18	20	19	17	18	18	22	23	23	23	23	21	17	16	14	13	13	14	11	13	17
22	10	12	10	10	8	6	0	0	0	0	2	1	4	7	9	7	0	0	0	0	0	0	0	0	4
23	0	0	0	0	0	****	****	****	0	****	4	4	6	5	5	5	3	2	****	3	2	3	4	1	2
24	3	2	2	2	1	0	1	0	1	1	7	13	19	21	23	23	23	23	23	24	26	25	24	22	13
25	24	22	22	22	22	21	17	15	13	16	22	25	23	24	25	25	24	23	23	21	20	19	15	9	21
26	14	14	17	15	15	21	23	20	17	18	20	19	15	14	13	13	9	7	4	3	6	9	8	6	13
27	5	4	3	4	1	0	0	0	1	2	5	10	14	15	12	10	2	0	0	0	0	0	0	0	4
28	0	0	0	4	2	1	3	2	6	8	13	16	19	19	15	9	5	2	0	0	0	0	0	0	5
29	0	0	0	0	1	2	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	3	3	2	1
30	2	7	13	15	18	18	18	17	19	18	16	17	16	19	17	15	11	7	12	10	14	15	13	8	14
31	11	12	17	17	16	11	11	11	8	5	****	19	21	20	18	17	14	9	7	3	2	5	5	-	12
MEAN	10	10	11	12	11	12	10	9	9	10	13	14	15	15	14	12	9	8	8	8	8	9	9	9	10.6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	13.0	24	28
FEB	29	14.5	23	32
MAR	31	20.5	33	51
APR	26	22.0	46	75
MAY	30	28.2	48	92
JUN	30	33.0	71	107
JUL	31	36.3	69	108
AUG	31	27.2	59	81
SEP	30	19.1	40	77
OCT	31	12.4	25	45
NOV	30	10.9	23	39
DEC	31	10.6	23	33
YEAR	352	20.8	71	138

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	180	351	0	0	0	0	0	0	531
FEB	198	490	3	0	0	0	0	0	691
MAR	142	450	144	1	0	0	0	0	737
APR	144	304	154	26	0	0	0	0	628
MAY	128	303	189	96	3	0	0	0	719
JUN	72	309	180	103	20	3	0	0	687
JUL	113	197	234	153	20	6	5	0	728
AUG	166	262	206	85	1	0	0	0	720
SEP	220	355	120	21	0	0	0	0	716
OCT	319	396	21	0	0	0	0	0	736
NOV	344	365	1	0	0	0	0	0	710
DEC	373	336	5	0	0	0	0	0	714
YEAR	2399	4118	1257	485	44	9	5	0	8317

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.7	0	2.2	10.4	17.0	24.5	42.3	54.4	68.1	74.6	138	20.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	8	9	8	7	3	4	6	9	11	11	11	10	8	8	6	5	5	11	13	8	5	8
2	2	0	0	0	0	0	0	0	0	2	2	2	2	1	0	3	5	14	10	14	19	19	18	17	5
3	18	17	16	17	19	21	17	12	9	11	12	16	18	16	14	13	9	6	7	4	7	7	4	2	12
4	2	5	0	0	0	0	0	0	0	0	5	13	13	11	10	12	13	16	14	15	16	17	13	14	8
5	13	11	2	2	4	5	4	5	7	8	8	9	9	9	10	10	14	11	11	14	20	23	21	12	10
6	10	4	2	2	0	0	0	0	0	8	12	16	16	16	14	4	10	8	6	7	4	0	1	3	6
7	8	12	8	0	9	13	13	13	9	9	11	12	12	12	11	9	7	7	9	9	10	10	6	11	10
8	14	15	15	15	15	15	12	8	7	11	13	13	15	12	10	7	4	4	5	5	2	6	7	9	10
9	10	11	11	11	9	5	3	2	2	6	12	12	13	14	15	11	9	7	8	9	10	7	3	2	8
10	2	1	0	0	0	0	2	2	2	1	1	5	7	8	7	6	2	0	4	2	0	0	0	0	2
11	0	0	0	0	4	10	10	10	12	16	15	13	13	3	6	10	9	10	11	15	13	15	14	13	9
12	14	16	18	19	21	21	19	19	19	20	20	19	21	20	17	18	15	13	10	6	5	8	6	4	15
13	3	0	0	0	3	3	2	0	5	8	12	11	11	13	9	6	3	2	1	2	10	9	11	6	6
14	11	8	3	8	8	6	3	1	1	2	3	1	1	4	4	3	4	6	4	1	0	0	0	2	4
15	3	6	8	5	0	0	0	0	0	1	3	6	12	12	9	6	10	10	13	13	6	7	9	9	6
16	13	13	14	12	13	14	8	7	8	9	7	8	8	7	9	9	6	5	4	1	1	0	0	0	7
17	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	2	2	2	4	3	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	4	6	3	3	4	1
19	6	8	11	15	16	16	13	14	13	16	12	9	9	9	7	5	5	7	8	10	12	12	11	15	11
20	19	16	21	20	19	21	18	20	18	24	26	26	26	26	24	19	19	12	13	15	16	14	9	12	19
21	16	17	17	14	20	18	12	9	8	12	12	10	14	14	12	9	6	3	2	2	2	2	2	4	10
22	4	6	6	10	16	13	10	5	3	6	5	3	3	4	3	3	3	4	6	8	9	7	6	5	6
23	8	9	17	17	20	19	13	10	9	14	19	18	22	20	20	19	14	13	15	14	17	19	18	17	16
24	21	20	20	22	22	18	11	8	****	15	17	21	18	17	18	14	10	10	9	9	2	0	2	1	13
25	1	0	0	2	3	3	3	0	0	1	2	2	0	****	****	****	****	****	****	****	****	****	****	****	******
26	2	7	7	7	11	12	9	7	11	13	18	22	20	18	15	16	12	8	10	9	9	7	7	5	11
27	6	7	9	8	12	12	13	14	14	17	19	23	23	21	20	18	19	13	8	5	1	9	14	6	13
28	5	13	15	12	13	15	11	9	10	17	18	22	21	21	19	15	12	8	6	2	3	7	6	2	12
29	4	6	3	1	6	6	2	1	2	5	4	7	11	12	16	10	7	5	3	7	6	3	2	1	5
30	8	14	16	16	15	15	9	10	7	10	17	12	16	16	10	9	6	6	4	-	8	12	8	6	11
31	11	8	11	13	12	10	7	6	10	12	13	12	15	16	16	14	11	****	****	7	9	8	12	10	11
MEAN	8	8	8	8	10	10	7	6	6	9	11	11	12	12	11	10	8	8	7	7	8	8	7	7	8.7

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	7	****	****	4	****	****	1	9	13	16	21	****	21	29	26	19	16	12	13	15	14	11	9	14
2	10	10	7	9	11	9	11	7	13	16	21	28	29	28	28	30	26	21	****	****	****	****	****	****	17
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7	****	****	****	****	****	****	****	****	****	****	18	21	22	23	26	22	13	10	2	0	0	0	0	****	******
8	****	****	****	****	****	****	2	3	3	6	13	22	18	22	23	21	12	6	9	11	4	5	7	16	11
9	9	6	5	3	3	6	6	3	6	9	22	31	31	28	17	14	11	15	22	19	20	16	17	19	14
10	14	11	4	8	11	9	7	9	13	19	27	34	34	33	31	30	25	21	13	10	19	17	12	13	18
11	12	9	16	15	11	11	4	5	9	****	****	21	25	22	20	20	14	11	19	18	12	17	15	20	15
12	17	13	9	9	13	13	8	6	6	15	19	24	28	28	28	20	16	15	16	14	8	9	8	9	15
13	14	15	17	13	10	7	3	2	4	9	14	23	26	24	22	24	17	13	15	15	12	8	5	8	13
14	18	14	15	11	8	5	2	1	3	5	11	23	27	22	22	27	16	18	8	6	6	2	3	1	11
15	1	2	1	1	1	1	1	1	2	8	8	14	15	16	15	****	6	7	****	18	20	14	****	6	8
16	12	14	20	10	9	6	14	16	18	20	26	26	28	34	30	30	31	27	16	10	12	8	8	6	18
17	4	4	7	11	18	19	20	17	21	24	27	28	28	31	30	29	27	24	22	20	24	28	24	23	21
18	26	24	24	21	18	9	10	7	13	19	22	22	21	20	22	22	14	21	18	21	22	22	19	17	19
19	15	9	6	7	7	5	2	1	1	4	6	12	15	16	18	14	3	0	0	0	0	0	0	0	6
20	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	1	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	4	10	12	14	16	11	6	3	1	9	19	15	15	18	15	17	8
22	17	18	17	17	14	12	9	6	5	4	3	4	3	2	****	1	0	0	0	2	4	4	8	9	7
23	10	12	17	17	16	17	16	18	21	29	29	19	20	16	11	7	11	4	1	1	0	0	1	3	12
24	10	11	10	6	3	7	9	10	11	21	23	26	28	27	28	26	27	22	16	17	15	16	14	17	17
25	13	19	19	23	28	25	13	11	16	25	24	16	6	8	10	7	10	22	25	26	27	27	24	22	19
26	22	24	26	25	24	23	18	17	20	22	21	24	23	19	19	12	6	10	10	13	13	12	17	16	18
27	18	19	18	14	15	14	****	3	3	6	10	15	16	17	22	23	21	19	18	11	9	11	10	11	14
28	13	11	18	22	20	21	19	15	16	18	18	17	26	28	26	25	25	24	24	22	23	25	23	23	21
29	23	24	22	22	23	20	13	9	14	26	28	31	30	30	31	28	23	23	17	17	20	21	13	11	22
MEAN	13	12	13	12	12	11	9	7	10	14	17	21	21	21	22	19	15	14	13	12	13	12	11	12	14.1

PERCENTAGE OF DATA VALID - 81.2 PERCENTAGE OF DATA INVALID - 18.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	3	1	3	4	9	10	22	30	30	30	33	34	35	35	32	31	28	26	21	21	23	21	21
2	22	18	13	14	7	4	3	5	11	15	20	30	30	33	36	35	33	25	19	15	9	8	10	14	18
3	17	20	16	13	15	14	5	5	8	15	20	24	28	28	29	30	****	20	24	23	23	20	21	20	19
4	22	25	26	25	22	18	14	11	15	17	17	20	22	25	30	28	24	18	12	8	6	4	5	6	19
5	10	13	16	17	12	5	1	0	2	2	2	****	****	1	2	15	23	25	23	23	23	18	18	19	12
6	25	31	31	31	28	26	15	14	19	22	28	33	36	32	30	29	22	18	17	10	11	11	8	9	22
7	8	4	1	1	4	3	1	1	4	14	20	19	25	29	26	20	16	15	12	13	5	5	5	10	11
8	9	8	11	15	17	7	9	11	9	11	17	14	9	5	19	26	32	35	34	24	14	19	24	16	16
9	20	18	21	24	25	31	32	29	27	27	31	35	37	47	53	45	45	43	38	30	33	23	18	11	31
10	13	29	29	21	17	11	8	7	13	****	23	26	29	28	22	21	18	14	18	19	27	31	32	29	21
11	32	31	32	32	31	29	25	23	24	28	32	30	29	30	27	27	27	25	25	25	25	26	22	16	27
12	19	22	23	25	23	23	18	17	26	32	30	32	35	34	25	20	15	7	7	12	24	24	17	12	22
13	9	7	12	15	19	20	16	15	15	17	17	16	17	15	13	11	10	7	8	8	7	11	10	5	13
14	4	4	6	4	2	7	5	1	2	8	16	24	28	33	34	26	21	24	25	21	19	27	22	20	16
15	25	25	28	30	30	31	21	28	32	33	35	34	35	37	39	37	37	37	30	24	12	8	12	4	23
16	2	2	2	11	11	15	23	24	27	29	30	32	31	27	26	24	21	21	19	11	14	18	13	20	19
17	7	9	14	20	12	1	1	3	12	15	16	22	19	17	16	12	10	8	11	11	13	17	21	22	13
18	23	26	29	31	31	31	23	21	23	28	27	29	28	32	30	30	26	28	24	16	20	25	22	18	26
19	22	21	17	15	19	20	12	11	14	17	25	24	27	25	25	25	13	19	9	4	10	12	5	3	16
20	9	9	8	8	9	8	5	7	9	16	26	31	38	****	38	45	34	32	16	7	19	7	7	2	17
21	5	8	5	1	1	2	1	2	2	3	2	4	1	4	9	12	12	17	21	21	23	23	26	25	10
22	28	28	27	30	32	32	31	29	30	33	33	32	29	29	30	29	28	25	28	30	26	16	13	20	28
23	14	11	14	13	12	11	11	23	28	24	24	18	25	22	13	8	11	15	4	12	15	11	5	7	15
24	7	7	9	16	20	17	10	7	5	7	10	12	13	16	11	11	8	14	7	10	6	1	13	20	11
25	16	14	17	22	19	19	13	15	16	20	19	23	20	18	17	****	13	17	17	19	11	11	10	14	17
26	19	20	19	21	22	26	15	19	20	22	22	22	20	16	10	18	17	15	9	6	5	4	1	9	17
27	15	18	10	1	0	1	2	4	4	8	13	14	16	18	24	21	18	11	6	6	12	3	9	7	10
28	19	10	5	3	4	2	1	2	4	8	11	12	12	12	7	6	4	2	1	2	10	5	4	4	6
29	4	2	8	6	10	9	8	10	9	3	3	2	4	4	3	4	3	1	3	2	1	2	0	7	5
30	12	17	26	22	26	26	26	26	17	14	26	28	26	19	5	19	24	26	25	20	17	16	19	8	20
31	11	15	12	7	7	5	8	10	10	12	8	7	5	3	3	3	6	8	7	3	4	3	6	2	7
MEAN	15	15	16	16	16	15	12	13	15	18	20	23	23	22	22	22	20	19	17	15	15	14	14	13	17.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	4	10	6	3	7	3	5	8	12	11	14	12	7	13	10	1	6	3	4	3	4	2	6
2	1	2	1	1	1	1	0	2	2	5	7	7	14	27	31	25	21	22	17	14	10	6	12	24	11
3	23	14	16	15	12	1	1	6	10	12	19	18	-	18	21	15	19	16	13	13	16	20	14	6	14
4	14	12	13	17	29	23	12	12	13	17	14	14	18	21	16	20	26	27	26	27	25	26	27	26	20
5	27	30	31	30	28	25	23	23	27	26	25	27	29	33	33	35	35	33	25	21	11	3	2	1	24
6	3	10	13	16	16	22	18	27	27	23	25	24	21	21	22	24	20	11	3	6	4	3	7	6	16
7	3	3	3	4	3	2	8	5	6	5	6	7	27	37	36	26	11	11	21	28	29	30	32	28	15
8	33	33	35	33	32	29	18	19	16	19	12	11	19	18	22	5	2	1	1	11	28	31	32	-	20
9	37	37	39	38	35	32	17	20	18	18	17	23	28	29	27	18	18	21	18	6	1	5	1	10	21
10	22	25	26	26	24	19	15	12	9	12	9	10	12	16	16	14	11	9	9	9	12	13	13	12	15
11	9	11	15	14	15	16	10	7	5	6	11	10	8	12	20	18	22	20	15	4	2	12	6	2	11
12	1	1	10	14	11	2	1	1	1	1	3	11	17	18	23	20	19	26	25	22	18	18	17	14	12
13	13	18	23	28	28	26	25	27	28	26	27	27	29	30	32	33	31	27	25	23	13	18	17	16	25
14	5	1	1	3	4	7	6	5	7	9	8	9	10	11	9	5	5	2	4	2	9	3	23	24	7
15	23	24	26	24	****	****	****	****	****	19	19	16	16	15	13	10	7	8	5	9	14	11	****	20	16
16	20	21	25	28	28	30	29	32	34	36	37	38	37	39	41	40	39	39	36	31	34	25	14	14	31
17	11	12	13	9	5	4	4	8	15	24	28	26	34	37	33	35	29	27	18	18	16	25	27	25	20
18	27	33	31	23	20	15	5	4	5	14	13	11	24	24	33	39	25	27	14	8	7	12	11	1	18
19	1	1	1	1	1	1	1	4	18	27	31	39	49	61	75	72	73	74	66	51	47	50	56	53	36
20	56	48	45	50	46	48	46	42	44	43	55	56	61	57	55	47	44	33	23	13	8	17	10	6	40
21	6	5	11	18	15	12	5	11	24	26	18	21	30	39	39	40	37	37	36	20	10	-	-	2	21
22	1	2	2	3	1	1	3	11	17	18	19	19	20	14	16	20	17	13	3	5	4	5	-	1	9
23	3	5	5	5	3	3	4	10	16	15	15	21	21	20	26	20	23	28	29	23	26	23	28	20	16
24	25	18	4	15	14	18	11	20	20	12	16	****	****	26	35	-	22	22	16	8	2	8	9	9	16
25	8	15	21	15	16	12	10	2	6	12	22	19	23	25	27	28	27	24	20	18	7	4	2	2	15
26	1	0	1	0	0	0	1	9	16	20	13	17	18	26	23	18	9	10	10	5	1	5	3	5	9
27	4	1	3	6	3	6	7	8	9	7	18	19	23	27	22	21	23	18	13	12	10	14	12	25	13
28	26	20	18	13	14	11	1	3	4	6	9	9	4	4	3	2	2	2	3	6	2	1	3	2	7
29	3	2	1	2	5	2	3	3	4	6	6	5	7	6	6	3	9	12	8	13	13	2	7	9	6
30	2	2	2	9	6	1	0	1	1	1	5	11	18	20	23	32	35	39	22	-	15	10	15	1	12
MEAN	14	14	15	16	15	13	10	12	14	16	17	18	23	25	26	24	22	21	18	15	13	14	15	13	16.7

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	4	7	4	0	0	1	9	20	24	32	33	38	****	-	16	****	14	10	5	3	1	3	11
2	3	0	0	0	0	0	0	3	7	11	****	33	36	37	32	29	27	18	20	13	15	11	7	9	14
3	7	14	22	20	25	23	20	19	25	27	34	33	41	45	32	35	45	40	40	29	21	23	10	13	27
4	12	17	23	23	17	8	12	19	23	34	35	43	40	39	42	42	37	35	30	24	32	25	30	33	28
5	31	30	30	30	28	16	16	16	27	28	45	50	50	53	51	45	51	49	43	43	40	43	33	36	37
6	26	23	22	21	19	11	5	10	14	13	25	35	36	37	35	29	29	31	29	30	25	22	9	1	22
7	4	20	28	30	29	9	15	17	20	21	19	18	18	14	16	13	12	13	14	12	13	10	5	9	16
8	12	13	12	12	11	7	9	13	17	20	18	19	18	18	10	6	15	19	12	11	12	11	5	11	13
9	14	15	16	14	13	7	6	11	20	24	24	21	23	24	22	18	19	23	21	14	12	11	4	8	16
10	11	9	11	14	10	5	5	16	22	30	38	39	41	46	46	53	47	47	47	29	40	28	6	5	27
11	16	47	53	51	51	48	50	49	47	49	52	53	45	41	44	47	45	45	43	38	32	29	26	18	42
12	12	6	3	1	4	1	2	7	13	18	18	18	18	18	18	8	9	18	8	1	0	4	18	18	9
13	1	1	5	4	8	2	3	6	11	7	14	15	11	14	18	30	21	9	8	7	12	17	5	5	10
14	10	16	10	26	32	33	26	23	20	27	32	33	35	26	18	21	23	31	26	18	6	5	7	-	22
15	12	16	17	15	9	4	7	5	8	13	22	25	25	24	29	31	23	29	31	24	7	3	3	4	16
16	9	9	15	13	8	1	3	6	16	28	30	36	38	36	30	27	36	33	30	9	2	0	1	1	17
17	1	1	0	1	1	1	3	6	9	5	6	11	14	14	22	5	3	14	41	42	37	31	14	12	12
18	21	19	20	26	25	19	3	32	26	18	29	30	33	40	-	48	36	36	38	38	29	23	29	35	28
19	34	30	27	25	23	25	22	32	45	49	30	17	30	50	62	54	51	46	44	47	10	2	26	20	33
20	19	15	14	10	8	5	9	12	6	7	13	17	15	18	14	10	12	7	2	2	10	8	1	1	10
21	3	11	16	16	3	3	1	5	10	14	10	24	15	22	21	22	36	36	40	33	33	32	24	24	19
22	29	39	42	39	33	13	11	13	23	39	52	67	64	65	56	70	71	78	76	54	44	47	47	49	47
23	57	65	60	52	41	11	6	10	24	41	****	66	70	55	78	77	62	41	40	12	15	12	1	1	39
24	0	1	2	1	6	19	39	34	30	45	54	62	54	48	66	81	83	64	64	30	15	7	21	33	36
25	37	37	37	31	29	26	25	30	26	31	36	40	40	36	33	35	45	41	43	38	37	38	36	****	35
26	****	****	****	****	****	****	29	26	29	33	39	****	****	****	50	48	47	43	36	28	32	24	18	21	******
27	23	****	27	26	17	3	3	6	12	20	15	20	15	7	26	30	34	33	32	14	2	1	1	9	16
28	15	21	8	0	1	1	5	6	8	14	22	24	22	****	13	26	35	21	14	12	16	0	1	2	12
29	6	15	13	20	7	4	4	4	9	8	11	16	19	5	9	****	37	22	33	39	33	21	22	15	16
30	8	10	21	19	14	4	2	3	11	12	9	14	26	59	64	55	50	54	52	40	45	37	36	35	28
31	32	32	36	36	36	31	29	32	35	43	46	48	54	45	33	32	27	25	27	24	21	18	11	14	32
MEAN	16	18	20	19	17	11	12	15	19	24	28	32	33	34	34	35	35	33	32	25	21	18	15	15	23.3

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	19	20	19	18	19	18	17	18	17	19	21	24	15	8	7	13	11	11	7	7	2	5	3	14
2	2	9	13	13	10	5	0	0	****	5	6	10	5	22	17	21	43	41	35	25	9	9	0	3	13
3	7	11	11	0	3	0	0	3	10	6	13	23	25	31	31	37	38	34	25	16	11	10	12	17	16
4	19	16	14	15	20	15	15	24	27	33	33	36	37	38	37	40	45	42	40	32	16	2	1	7	25
5	13	22	23	14	8	0	5	10	17	****	****	21	29	29	37	43	38	29	28	24	13	4	2	2	19
6	0	8	8	5	1	1	3	5	8	3	5	****	****	12	3	3	8	3	4	1	0	1	4	4	4
7	10	20	25	21	21	13	12	16	20	29	28	36	26	26	16	23	33	31	37	38	23	10	15	5	22
8	3	16	37	36	31	17	14	15	15	16	25	20	20	20	23	29	31	31	26	20	20	14	11	14	21
9	16	19	19	17	7	9	8	46	16	19	25	29	27	32	32	30	33	32	28	22	19	9	9	12	21
10	14	17	15	13	9	5	5	8	11	14	18	19	21	25	30	27	26	20	19	15	16	11	12	17	16
11	16	17	22	23	20	10	7	****	16	****	26	28	30	28	25	25	35	35	33	27	15	1	0	0	20
12	0	0	0	1	0	1	2	11	****	21	****	23	27	29	34	28	36	49	46	32	33	-	-	38	20
13	38	41	29	23	23	11	8	17	22	-	-	-	69	54	63	61	57	67	****	****	28	44	46	46	39
14	36	44	64	62	****	****	****	****	****	****	79	85	83	77	75	72	59	53	50	43	35	32	35	40	57
15	43	37	47	52	62	55	53	46	47	47	55	67	38	18	15	13	15	16	18	18	16	15	10	3	34
16	8	14	16	16	17	14	13	11	15	15	****	30	32	23	****	17	20	17	23	15	10	10	6	15	16
17	15	12	7	6	6	1	2	6	18	22	26	38	36	31	34	25	25	31	32	36	31	29	23	24	22
18	34	36	33	28	24	16	14	19	28	35	48	59	56	54	46	33	49	34	16	9	13	10	6	5	29
19	13	11	8	2	1	1	5	8	9	7	7	12	17	18	21	17	12	6	5	27	27	21	8	17	12
20	33	39	20	24	24	22	20	22	****	28	25	20	16	21	23	27	28	27	22	13	7	8	5	7	21
21	11	17	21	19	20	19	16	20	22	26	30	32	35	38	37	39	31	38	36	20	27	28	20	14	25
22	8	10	22	8	4	18	26	29	33	36	47	53	57	62	64	69	68	67	55	53	47	42	42	46	40
23	59	55	55	51	49	24	24	27	30	45	63	78	78	69	68	69	79	81	83	60	34	39	19	57	54
24	89	63	73	52	36	8	4	13	25	52	68	87	96	107	78	94	-	84	77	68	58	50	67	67	62
25	70	60	61	54	42	24	13	16	39	58	75	82	83	80	74	63	55	51	53	****	34	28	29	40	51
26	63	73	74	87	73	43	27	33	39	50	63	67	75	73	85	85	92	89	79	77	64	22	24	14	61
27	18	28	32	29	27	15	10	21	27	25	28	36	41	31	28	26	22	25	28	23	19	17	14	13	24
28	8	1	2	1	2	4	4	4	3	7	5	7	7	7	9	8	8	12	8	5	10	6	5	2	6
29	2	3	2	7	5	****	****	11	16	21	11	18	23	24	27	28	27	18	10	9	7	4	18	22	14
30	24	24	23	20	19	17	14	17	20	22	27	30	35	36	35	36	34	31	30	22	21	14	11	12	24
MEAN	23	25	27	24	20	14	12	17	21	25	33	38	40	38	37	37	37	37	33	27	22	17	16	19	26.6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	17	17	18	16	10	7	9	25	34	35	43	47	53	53	54	63	65	55	47	49	50	46	49	37
2	51	51	46	42	35	12	9	32	37	26	21	29	33	43	42	40	38	40	25	12	14	10	2	1	29
3	1	3	3	4	8	4	6	10	14	18	30	33	30	49	61	54	56	50	44	31	14	7	3	1	22
4	1	14	22	37	43	28	34	42	53	63	64	****	86	78	58	65	93	35	39	33	30	10	4	16	42
5	15	11	4	21	46	46	39	42	56	52	54	48	42	56	63	63	62	59	56	41	37	36	37	37	43
6	37	37	35	36	33	25	23	29	31	34	37	39	40	42	43	43	40	37	38	30	19	9	5	4	31
7	7	9	7	7	7	5	5	9	8	24	31	34	35	36	27	22	35	53	63	45	44	48	49	33	27
8	44	46	42	37	35	23	11	24	28	30	39	51	53	48	48	****	****	38	37	29	25	22	15	14	34
9	13	12	14	14	10	7	6	12	10	16	21	26	21	31	29	20	26	42	36	22	14	5	4	4	17
10	4	4	4	4	4	4	5	8	24	34	44	50	63	70	59	53	57	60	58	48	42	47	49	57	36
11	58	58	53	59	63	46	20	22	25	41	50	47	49	51	48	49	51	46	38	30	21	16	12	11	40
12	18	22	20	14	7	6	8	12	26	30	34	30	32	33	38	37	34	30	32	26	9	6	6	4	21
13	4	2	3	5	4	7	6	20	17	21	34	40	41	47	47	47	44	44	36	35	24	20	10	11	24
14	5	3	1	3	4	2	4	15	26	36	43	45	42	45	40	41	40	52	42	39	38	39	22	22	27
15	42	59	54	54	52	37	27	18	22	13	9	40	67	83	75	49	27	42	59	52	51	44	32	32	43
16	30	37	37	30	22	16	17	18	24	32	30	32	33	35	46	43	48	47	45	31	34	36	34	38	33
17	56	62	53	45	36	22	23	24	27	33	41	39	34	41	37	36	38	43	43	42	31	26	23	19	36
18	9	4	10	4	2	0	3	5	****	17	38	56	42	46	47	31	36	39	38	27	28	32	29	24	25
19	24	20	30	28	26	14	21	21	32	47	55	63	75	77	83	75	67	69	64	52	24	9	12	12	42
20	13	10	37	33	33	33	35	34	34	36	47	51	59	55	58	59	66	66	66	54	40	53	68	68	46
21	63	69	58	55	47	32	27	21	30	36	42	46	55	58	61	58	48	49	40	37	32	28	33	32	44
22	37	40	33	34	26	14	9	8	9	9	12	14	23	12	24	29	28	10	15	21	10	13	7	9	19
23	7	9	11	12	13	6	6	13	17	22	24	25	27	28	27	24	24	25	22	22	15	6	0	1	16
24	2	4	7	5	3	1	3	4	7	16	21	34	35	29	43	33	42	38	27	22	18	22	17	16	19
25	23	20	22	16	13	5	5	9	21	27	35	50	60	55	53	51	57	54	51	41	39	39	32	42	34
26	47	46	49	56	52	43	36	33	33	41	17	9	11	17	20	31	35	34	30	18	1	1	8	23	29
27	17	25	20	15	15	2	4	16	12	21	18	23	28	46	35	36	56	25	23	24	16	14	15	13	21
28	20	19	17	17	11	2	1	1	8	11	8	9	14	14	-	-	38	44	40	31	-	-	-	22	17
29	21	29	24	27	26	17	15	14	49	34	37	47	45	39	39	29	31	51	41	29	35	20	13	7	30
30	8	12	16	14	12	8	9	13	16	25	30	34	35	29	31	34	32	30	25	13	9	4	1	1	18
31	1	3	5	2	0	1	1	6	14	15	25	27	38	35	33	39	42	45	41	24	20	17	11	38	20
MEAN	22	24	24	24	23	15	14	18	25	29	33	37	42	45	46	44	44	44	41	33	26	23	20	21	29.8

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY.

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	11	3	2	1	1	7	28	37	43	29	53	53	55	49	45	45	42	33	58	63	54	51	33
2	48	52	51	50	37	18	****	28	34	36	29	47	58	57	55	40	43	33	28	31	21	18	9	5	36
3	20	26	27	26	20	16	16	20	27	33	48	51	57	55	54	48	46	41	36	22	20	18	10	4	31
4	2	1	1	1	1	12	5	11	25	27	33	40	39	50	50	57	47	39	30	18	10	3	2	3	21
5	13	8	6	7	8	2	1	2	****	****	25	32	30	34	45	57	67	67	48	32	26	25	29	28	27
6	26	32	35	32	26	17	17	21	30	44	47	55	48	50	55	52	47	51	43	40	43	43	37	32	38
7	35	38	40	42	44	33	25	20	29	38	44	55	61	66	54	49	53	-	75	71	58	45	32	38	45
8	45	52	50	44	36	28	17	25	41	46	58	60	43	38	45	49	53	62	56	43	39	36	38	39	43
9	****	32	33	32	33	23	22	25	27	36	39	39	40	36	39	38	40	36	31	17	16	17	17	21	30
10	19	17	18	14	7	5	7	11	16	20	22	17	20	21	21	24	22	16	14	14	8	5	7	8	15
11	5	4	3	0	0	0	1	2	2	0	11	17	25	22	22	25	****	27	26	24	20	20	26	17	15
12	11	11	9	5	5	6	6	14	21	26	31	32	33	36	33	34	35	30	24	22	14	9	14	9	20
13	11	12	11	10	7	2	5	6	9	11	21	26	32	35	25	18	26	21	19	15	17	14	13	8	16
14	11	18	24	26	21	13	8	18	25	20	18	14	22	23	34	40	44	38	29	15	29	36	27	24	24
15	24	25	24	23	16	5	3	8	13	23	26	28	25	27	26	25	30	24	20	15	14	15	8	6	19
16	4	7	12	12	12	10	12	15	20	21	24	26	26	26	30	32	34	40	33	16	8	12	13	10	19
17	6	0	0	0	0	0	1	6	9	15	21	27	37	47	41	29	27	23	16	10	3	1	2	1	13
18	13	22	23	21	16	4	3	3	5	9	13	17	****	****	11	21	37	38	33	28	23	25	22	33	19
19	45	48	44	42	36	23	17	17	19	36	36	46	45	47	43	39	40	39	27	16	7	4	7	9	31
20	4	4	4	1	0	1	3	4	9	11	8	12	30	53	51	47	34	24	20	10	8	4	10	10	15
21	13	15	-	****	20	18	12	****	25	****	****	48	65	53	48	40	35	27	24	39	34	23	3	19	30
22	42	48	52	53	46	22	16	18	23	14	15	9	15	16	14	21	26	19	18	19	27	27	7	15	24
23	9	2	0	10	15	15	7	8	25	28	38	47	59	60	63	69	69	60	51	56	50	15	12	14	33
24	19	7	0	0	2	1	2	16	18	23	31	32	24	23	22	22	23	25	10	1	1	0	1	0	13
25	0	0	1	4	1	0	0	2	6	27	42	46	48	51	47	46	47	43	34	28	36	31	38	50	26
26	42	48	48	43	34	14	7	-	29	31	43	54	64	66	59	61	65	66	63	62	60	60	65	69	50
27	59	68	71	67	55	19	11	12	27	39	58	64	66	64	70	59	72	65	64	60	61	57	51	38	53
28	30	25	7	19	16	11	8	5	8	6	5	5	2	5	6	5	10	12	16	12	10	11	10	14	11
29	8	3	1	1	0	0	2	4	9	9	9	14	23	41	44	37	34	30	21	15	12	14	7	10	15
30	7	4	2	1	1	0	1	3	5	23	23	20	26	28	40	****	51	65	56	56	65	59	52	54	26
31	41	33	29	29	31	29	27	28	30	33	35	40	49	55	57	53	51	50	41	25	24	44	38	43	38
MEAN	21	22	21	21	18	11	9	12	20	25	30	34	39	42	41	40	42	39	34	28	27	25	21	22	26.7

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	42	46	41	36	36	32	31	33	36	36	32	34	41	41	52	56	63	58	43	41	28	19	19	34	39
2	36	37	37	34	23	8	1	7	7	3	5	15	19	17	31	16	23	26	15	6	9	6	1	3	16
3	2	7	21	21	18	7	8	17	17	26	29	31	32	36	33	29	34	35	35	22	12	5	0	0	20
4	4	9	0	0	0	0	0	1	7	11	11	20	37	40	55	55	66	48	35	-	42	35	31	33	23
5	33	36	31	33	30	14	6	11	17	28	32	38	39	35	31	26	28	23	24	11	22	11	11	17	24
6	13	24	39	43	30	20	15	15	19	32	47	50	54	49	36	35	32	30	16	9	7	3	1	2	26
7	2	5	7	9	7	9	8	12	19	24	27	30	32	32	32	34	35	29	14	2	2	8	1	3	16
8	12	11	1	1	1	1	0	1	3	9	13	17	19	16	21	22	22	14	7	1	2	2	1	22	9
9	1	1	1	18	21	8	9	12	20	28	34	44	46	45	34	27	11	14	9	11	13	11	12	15	19
10	13	13	14	14	13	7	3	7	13	22	24	27	27	30	28	18	24	23	11	13	12	13	16	16	17
11	16	19	17	17	16	9	10	10	24	25	32	40	39	45	38	32	29	33	30	23	29	24	25	23	25
12	22	8	6	7	3	6	2	2	4	5	4	5	5	7	3	2	0	1	0	1	0	0	0	0	4
13	0	0	0	1	0	0	1	0	1	1	1	4	0	1	1	1	0	0	0	0	1	0	0	1	1
14	0	0	0	1	0	0	0	2	13	16	28	35	33	32	23	26	18	13	12	12	4	3	5	3	12
15	6	6	6	7	7	4	3	-	5	5	5	7	11	17	14	13	20	18	6	0	0	1	2	7	7
16	7	5	4	1	1	0	2	2	3	4	6	10	10	10	17	17	19	11	4	0	0	0	15	25	7
17	24	24	21	20	22	16	18	17	23	24	20	18	21	25	21	22	23	21	13	15	12	18	21	20	20
18	16	14	8	8	9	2	0	2	10	15	18	26	18	18	17	9	8	8	1	2	0	0	0	8	9
19	21	22	20	22	17	8	0	0	15	18	20	30	35	21	17	16	23	14	4	6	1	1	1	1	14
20	1	2	1	1	1	1	5	14	22	31	44	47	50	44	51	48	40	33	25	17	5	13	3	8	21
21	7	5	13	18	14	9	5	14	22	12	8	22	36	47	54	56	53	53	48	43	43	37	37	36	29
22	30	28	26	26	18	4	2	2	6	9	10	12	27	15	21	32	34	37	33	25	15	17	18	24	20
23	25	28	20	16	13	6	3	3	8	11	12	17	17	18	17	16	10	7	6	7	14	16	15	10	13
24	18	17	12	5	3	1	1	2	6	13	9	16	16	18	20	20	21	17	17	19	8	4	1	1	11
25	1	0	1	1	1	1	0	1	1	1	2	4	14	5	5	8	7	3	3	7	14	19	17	28	6
26	27	25	28	25	19	14	10	6	11	13	14	12	14	16	15	18	18	16	13	9	4	4	3	2	14
27	1	1	1	4	3	-	1	5	11	16	18	21	21	21	14	16	18	16	12	9	4	10	1	0	10
28	1	0	2	2	3	2	3	9	13	21	26	26	22	24	20	24	22	17	8	1	3	5	5	1	11
29	2	1	1	0	1	0	0	1	3	1	10	23	15	14	19	16	6	10	18	6	0	1	0	0	6
30	0	0	0	0	9	11	7	6	8	15	23	26	39	38	27	-	****	28	18	16	14	26	29	33	17
MEAN	13	13	13	13	11	7	5	7	12	16	19	24	26	26	26	24	24	22	16	12	11	10	10	13	15.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	16	14	10	9	7	2	1	1	2	2	7	****	****	9	6	1	1	1	1	1	0	1	1	5
2	1	2	2	1	1	1	0	0	1	9	11	14	15	11	10	4	5	9	8	12	16	18	22	24	8
3	27	28	29	29	28	26	27	20	17	20	26	25	26	26	22	20	17	21	24	21	19	19	12	11	23
4	22	19	20	21	26	22	8	1	4	6	6	0	****	20	23	19	13	15	4	0	0	-	0	0	12
5	0	0	0	0	0	0	0	1	3	6	12	17	22	22	21	16	17	16	20	1	1	1	1	1	7
6	1	2	8	5	2	0	0	0	3	5	9	10	11	13	13	17	12	11	6	1	1	2	1	1	6
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	2	2	3	2	2	2	2	3	6	12	15	14	13	13	4	1	1	2	4	7	9	13	15	6
9	17	21	23	20	19	15	5	4	8	7	21	12	7	11	13	11	3	1	1	1	-	-	4	2	10
10	3	3	9	16	17	17	11	6	8	10	14	15	15	15	11	9	****	****	14	20	21	23	20	21	14
11	18	13	9	9	12	14	8	2	6	11	17	18	19	14	14	12	7	4	4	5	-	-	-	4	10
12	5	4	3	3	3	2	1	1	1	2	4	2	1	2	2	3	2	2	2	1	1	2	3	5	2
13	8	7	9	10	9	13	17	17	19	16	18	20	24	25	23	26	20	11	7	4	11	11	14	13	15
14	14	15	16	16	14	13	21	20	19	23	27	28	27	27	28	27	17	10	10	10	10	10	11	13	18
15	15	16	17	16	14	7	3	2	1	2	6	7	9	****	****	3	3	1	****	1	0	0	0	1	6
16	0	0	2	1	3	4	2	1	2	5	11	13	17	19	15	11	6	5	12	15	18	17	17	18	9
17	20	22	23	23	19	18	15	9	7	5	5	7	12	12	10	8	5	7	10	9	****	12	11	9	12
18	12	10	7	6	5	4	3	2	9	10	14	17	18	15	14	14	7	10	12	8	11	-	-	-	10
19	14	15	19	24	25	24	19	14	15	20	23	23	-	-	17	12	6	3	9	10	5	6	11	12	15
20	11	9	11	14	18	16	13	8	7	13	17	18	18	16	15	13	12	10	10	14	10	9	7	7	12
21	8	11	10	14	16	17	14	11	14	17	17	21	21	23	22	19	15	12	9	7	7	4	4	5	13
22	4	5	5	5	5	1	1	1	1	1	2	3	5	7	4	4	2	0	1	0	0	0	1	1	2
23	1	1	1	1	0	1	0	1	1	2	3	5	5	6	7	5	4	3	****	2	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	3	15	24	26	27	28	28	26	27	25	26	27	24	23	21	15
25	22	23	23	22	23	20	8	4	8	10	11	18	21	18	22	20	17	17	14	13	13	10	4	4	15
26	6	11	16	15	13	12	11	9	6	11	18	18	16	17	13	8	6	5	6	3	1	2	2	1	9
27	1	1	1	1	0	0	0	0	1	2	8	12	8	7	5	5	4	1	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	1	7	9	11	15	12	9	6	3	3	1	0	1	1	0	1	3
29	1	2	2	1	0	1	0	0	1	****	0	0	1	3	2	1	0	0	0	1	1	1	4	3	1
30	10	15	17	20	20	19	18	14	10	13	13	18	20	20	17	13	9	11	10	8	7	4	2	1	13
31	1	1	1	2	2	2	1	8	8	8	12	14	17	19	20	21	17	16	17	15	13	18	20	-	11
MEAN	8	9	10	10	10	9	7	5	6	8	12	14	15	15	14	12	9	8	8	7	7	8	7	7	9.3

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	8.7	19	26
FEB	24	14.1	22	34
MAR	31	17.0	31	53
APR	30	16.7	40	75
MAY	30	23.3	47	83
JUN	30	26.6	62	107
JUL	31	29.8	46	86
AUG	31	26.7	53	75
SEP	30	15.5	39	66
OCT	31	10.8	31	49
NOV	30	9.7	23	34
DEC	31	9.3	23	29
YEAR	359	17.4	62	107

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	450	279	0	0	0	0	0	0	729
FEB	207	347	11	0	0	0	0	0	565
MAR	226	438	73	1	0	0	0	0	738
APR	262	353	75	15	0	0	0	0	705
MAY	185	313	180	44	2	0	0	0	724
JUN	158	311	126	79	16	1	0	0	691
JUL	136	240	257	97	5	0	0	0	735
AUG	174	274	185	96	0	0	0	0	729
SEP	308	295	99	13	0	0	0	0	715
OCT	393	320	24	0	0	0	0	0	737
NOV	404	307	3	0	0	0	0	0	714
DEC	420	301	0	0	0	0	0	0	721
YEAR	3323	3778	1033	345	23	1	0	0	8503

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.8	0	0.8	7.0	13.6	21.3	37.2	47.9	59.6	66.8	107	17.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	5	5	5	6	6	4	3	1	0	0	1	0	1	0	0	2
2	0	0	1	1	1	2	1	0	0	0	2	1	****	4	6	5	2	1	3	3	5	5	7	6	2
3	9	9	11	12	14	10	6	4	1	4	10	13	13	12	10	10	7	2	0	4	2	4	1	0	7
4	0	0	0	0	0	0	0	0	0	0	0	5	11	9	8	5	-	8	7	0	0	0	0	1	2
5	4	5	5	5	****	9	8	6	5	9	12	13	14	15	12	8	5	3	0	3	2	1	0	0	6
6	0	1	1	0	1	0	1	0	1	2	4	5	11	15	15	11	9	7	7	11	11	10	7	6	6
7	8	6	14	16	15	12	12	9	4	7	7	8	19	9	9	8	5	4	6	4	5	7	12	13	9
8	14	16	18	17	17	16	11	1	1	7	13	15	14	13	12	9	3	2	1	2	4	13	5	5	10
9	12	15	16	12	8	8	5	0	0	2	5	8	14	15	13	12	8	4	2	2	3	4	3	2	7
10	0	0	1	2	1	0	0	0	0	2	4	9	10	11	6	6	4	6	8	6	4	2	1	0	3
11	0	0	0	0	1	0	2	2	3	4	5	****	6	7	5	5	5	5	11	11	17	14	15	14	6
12	13	15	19	20	21	18	19	20	20	19	20	21	21	21	20	18	16	9	5	10	9	4	1	2	12
13	3	1	1	0	0	3	8	7	10	14	18	15	16	13	12	11	5	4	1	2	5	6	7	11	7
14	12	8	7	6	5	2	2	1	0	0	0	45	1	4	3	2	1	1	1	2	1	1	2	3	5
15	1	1	1	1	2	1	0	0	0	0	5	11	13	14	13	9	6	3	1	4	10	10	8	9	5
16	11	11	13	14	13	12	7	3	4	7	11	11	11	12	13	10	9	****	11	11	11	10	8	5	10
17	6	7	8	8	4	3	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	2	2	4	4	4	1
19	5	4	8	14	18	22	21	17	15	12	15	17	19	16	14	14	11	11	9	4	5	10	8	17	13
20	18	19	21	23	21	18	17	19	24	24	25	24	24	23	25	23	19	15	10	12	6	6	7	5	18
21	12	7	11	18	20	16	8	2	2	5	13	16	18	17	14	5	6	6	6	1	0	0	0	0	8
22	0	0	0	0	4	11	11	6	5	5	3	****	****	1	1	1	0	0	0	1	0	2	1	0	2
23	3	5	15	20	21	20	16	10	9	14	21	22	24	24	24	20	10	16	15	11	14	13	15	22	16
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	15	14	7	2	1	4	2	1	2	******
25	0	1	2	1	0	0	0	0	0	0	2	4	6	5	4	6	3	1	0	1	0	1	0	1	2
26	6	6	9	9	13	12	8	10	14	21	24	22	25	25	22	17	15	8	5	4	5	1	2	3	12
27	5	8	10	15	16	21	17	15	16	14	14	14	15	16	16	18	13	11	5	10	9	8	14	12	13
28	9	7	11	5	11	10	7	1	6	11	15	****	22	19	19	15	6	2	2	1	3	6	7	7	9
29	11	11	7	7	12	6	1	0	1	2	6	10	13	17	12	10	9	5	5	7	11	5	9	11	8
30	10	9	15	22	23	20	18	9	5	12	16	18	20	21	21	****	****	9	8	7	11	8	12	14	14
31	16	17	20	22	22	20	15	6	3	4	12	15	17	18	15	15	11	9	9	13	15	14	13	19	14
MEAN	6	6	8	9	10	9	7	5	5	7	10	13	14	13	12	10	7	5	5	5	6	6	5	6	7.8

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	20	17	20	19	16	7	9	****	****	19	22	23	23	21	15	11	6	6	5	9	14	14	15
2	13	12	13	16	15	10	9	8	10	16	20	24	25	25	24	20	19	18	14	13	7	****	9	6	15
3	4	0	1	10	14	16	15	12	15	17	15	20	17	17	20	17	14	14	13	9	8	13	13	9	13
4	14	19	15	17	17	13	10	10	10	****	****	19	18	22	****	****	****	9	9	10	10	6	8	5	13
5	4	1	6	10	14	11	2	0	1	6	12	****	17	18	18	15	-	-	0	1	2	1	1	1	7
6	0	0	0	1	1	0	2	0	0	0	3	8	14	15	13	13	8	3	0	0	1	0	0	0	3
7	1	1	2	5	9	7	3	1	1	4	7	14	18	17	18	****	10	4	3	9	6	3	1	5	6
8	7	10	11	11	8	7	4	1	2	8	15	19	21	21	19	18	12	6	2	4	7	8	7	6	10
9	5	7	11	12	5	7	4	5	9	15	16	19	20	21	20	19	17	16	10	8	9	10	7	6	12
10	7	5	5	10	15	15	15	13	17	22	27	29	30	30	29	26	20	15	16	12	7	4	4	2	16
11	13	17	13	20	14	13	11	1	3	6	****	****	14	14	10	12	7	11	16	14	6	6	6	8	11
12	7	7	6	14	11	11	4	1	2	5	14	21	28	26	22	19	20	13	11	6	4	3	3	3	11
13	3	2	2	3	5	2	1	0	1	3	6	8	10	8	11	****	7	7	6	5	1	3	3	2	4
14	3	2	8	9	3	1	1	1	1	4	14	13	22	22	27	22	22	14	7	5	5	3	1	0	9
15	1	1	0	1	2	4	6	4	1	****	****	****	15	11	10	****	15	8	****	14	13	12	****	13	7
16	2	1	3	5	8	10	12	11	13	13	13	15	8	13	28	26	25	18	12	15	15	13	7	5	12
17	5	3	4	3	1	3	4	8	16	20	23	28	31	28	29	29	28	21	17	9	9	9	19	17	15
18	13	11	7	2	4	6	5	1	2	6	9	6	17	16	16	17	12	10	17	19	14	21	19	16	11
19	15	12	8	6	3	5	1	1	2	2	3	5	5	6	4	3	2	2	0	0	0	0	0	1	4
20	2	1	1	1	0	1	1	1	2	4	3	3	2	3	2	1	1	1	0	0	0	0	0	0	1
21	0	0	1	6	7	13	12	1	2	3	5	7	5	3	****	3	4	7	15	18	19	23	23	22	9
22	26	25	27	28	28	24	19	13	11	12	11	11	10	8	8	6	4	0	0	0	0	1	2	5	12
23	4	2	8	16	18	18	17	22	20	19	17	13	15	15	13	10	8	10	11	1	1	2	6	7	11
24	7	3	3	9	7	1	8	7	7	15	22	27	27	29	30	30	27	23	15	9	8	6	6	11	14
25	13	15	18	22	28	26	18	8	8	14	17	20	19	20	22	21	19	17	17	18	20	19	20	18	18
26	23	23	25	26	26	26	20	14	14	19	22	0	0	23	22	24	20	11	1	3	9	11	18	7	16
27	4	25	27	23	9	8	****	4	3	5	14	18	23	19	26	26	25	19	16	18	13	13	15	18	16
28	16	18	17	16	17	20	15	8	9	17	21	****	25	27	26	25	21	17	18	19	18	13	12	15	18
29	17	16	19	21	19	19	14	8	11	17	21	22	22	22	21	21	15	11	9	9	11	9	8	4	15
MEAN	8	9	10	12	11	11	9	6	7	10	14	16	17	18	19	18	15	11	9	9	8	8	8	8	11.4

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	2	8	12	13	15	14	20	24	25	25	26	27	28	25	25	20	11	10	11	10	7	5	16
2	6	4	2	1	0	1	1	5	16	22	23	29	29	24	22	24	23	25	22	18	17	14	10	7	14
3	5	3	7	13	9	1	1	2	4	7	12	18	19	21	21	23	****	5	5	11	13	10	14	11	10
4	11	16	19	17	11	8	5	1	5	8	11	6	11	14	12	13	9	3	2	4	4	3	6	11	9
5	12	12	11	8	13	10	10	2	0	3	5	4	3	1	0	2	10	17	23	21	29	30	24	19	11
6	21	25	27	27	31	29	17	10	16	21	24	20	26	28	28	22	21	14	11	11	14	17	4	0	19
7	2	4	4	4	4	3	0	2	4	5	11	13	12	15	13	15	15	9	7	4	0	3	9	10	7
8	11	8	0	6	12	7	6	5	9	14	13	9	11	9	14	16	18	16	15	14	16	28	26	21	13
9	11	14	11	21	18	15	14	16	25	26	35	32	34	38	38	33	44	39	33	29	22	21	17	16	25
10	17	23	30	29	21	18	13	7	10	13	16	17	23	20	17	14	14	11	11	18	25	30	33	32	19
11	32	27	27	28	29	26	24	18	19	25	28	28	30	25	26	23	22	23	23	22	22	22	21	22	25
12	23	25	26	26	24	24	18	13	13	20	21	23	23	20	19	16	14	12	14	4	2	2	1	1	16
13	20	27	25	25	27	27	24	23	21	23	20	18	16	16	47	18	18	18	19	20	17	17	14	15	21
14	14	15	16	17	16	13	12	3	0	1	6	17	26	28	34	31	31	25	25	22	26	26	23	21	19
15	22	24	22	25	27	28	26	25	29	30	30	31	32	33	34	32	27	20	15	10	3	2	1	0	22
16	0	1	3	2	2	22	29	30	30	31	33	35	34	34	33	34	31	27	29	25	25	24	22	17	23
17	8	7	9	9	9	13	12	10	7	11	5	****	10	11	4	2	1	1	7	1	1	16	23	24	9
18	25	26	30	33	35	35	32	27	25	29	31	32	34	32	32	32	29	28	26	21	3	10	2	4	26
19	1	0	1	3	2	2	4	7	11	13	14	16	20	22	20	19	14	5	13	5	8	9	5	1	9
20	1	1	4	2	2	1	3	3	4	8	10	15	20	24	29	32	24	19	4	7	26	19	11	6	11
21	7	7	3	3	17	21	13	8	6	5	4	3	3	2	3	8	14	18	21	24	28	28	29	30	13
22	31	31	32	32	34	32	31	28	28	28	27	25	23	22	25	22	21	17	15	14	7	6	6	7	23
23	3	4	2	6	7	5	4	6	11	16	15	26	24	25	24	18	9	10	2	8	11	7	4	6	11
24	16	17	16	22	25	30	23	17	13	16	21	24	26	18	15	17	11	11	4	0	1	1	2	5	15
25	8	15	20	27	21	19	18	9	12	13	****	18	23	23	21	18	14	8	12	10	12	9	5	6	15
26	9	15	17	21	21	20	19	7	8	12	13	14	22	13	6	6	3	1	0	1	3	2	0	0	10
27	1	3	3	9	12	5	2	4	4	9	17	18	20	26	28	26	28	23	16	15	13	15	17	18	14
28	19	18	15	6	2	1	3	3	3	5	10	20	14	13	6	9	2	1	1	1	0	1	9	7	7
29	5	2	14	23	27	31	28	26	21	14	15	16	21	25	26	23	15	12	10	6	6	7	7	8	16
30	8	7	16	19	23	23	23	23	23	31	36	38	34	33	35	34	32	32	30	25	24	23	20	29	26
31	30	35	36	36	37	36	29	24	20	17	21	21	23	24	****	23	19	19	19	16	13	7	2	1	22
MEAN	12	14	15	16	17	17	15	12	13	16	18	20	22	22	22	20	19	16	14	13	13	14	12	12	16.0

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	18	18	18	24	24	25	25	28	27	30	25	25	23	21	24	18	21	13	14	19	10	14	21
2	15	28	28	26	24	14	6	2	2	3	6	12	17	30	32	27	16	34	42	36	15	21	14	16	19
3	14	22	29	27	26	23	11	3	3	6	20	28	32	****	35	35	32	28	23	18	17	19	12	15	21
4	19	22	21	20	23	15	10	15	24	29	33	34	35	34	32	34	33	34	28	22	17	9	6	5	23
5	8	17	18	15	15	12	10	10	16	24	28	32	32	31	24	43	43	55	60	32	18	18	17	26	25
6	28	24	25	32	32	23	14	7	8	6	10	3	11	25	24	19	14	9	10	9	4	8	6	12	15
7	16	25	37	41	36	27	27	22	21	29	34	47	51	55	44	35	41	48	53	53	39	34	20	2	35
8	1	1	31	45	35	19	19	20	20	25	25	22	21	17	20	26	32	32	28	27	21	14	10	5	22
9	6	5	4	7	5	4	2	4	8	6	****	35	35	34	32	33	35	35	34	28	15	7	3	4	17
10	13	10	16	14	12	11	10	11	9	14	16	23	22	32	36	32	29	28	27	26	26	17	15	22	20
11	30	32	30	28	24	16	11	15	22	22	22	17	10	5	23	26	26	26	25	17	7	5	2	2	19
12	2	3	4	2	2	4	5	11	15	21	25	34	35	38	36	35	35	44	56	47	45	34	28	33	25
13	24	12	8	9	15	15	8	8	11	18	32	43	65	71	75	65	61	67	51	46	43	25	13	29	34
14	36	44	28	17	11	20	35	49	****	****	76	89	84	89	87	85	61	54	59	35	5	16	10	2	45
15	9	3	3	2	2	2	2	13	28	44	55	40	32	1	1	0	0	1	1	5	40	12	15	17	14
16	18	20	23	28	27	18	10	11	16	16	****	26	31	31	****	25	25	24	22	18	14	11	8	11	20
17	14	11	9	3	2	6	4	6	4	13	19	27	32	36	35	30	34	33	29	31	21	23	9	14	19
18	18	18	13	26	26	16	9	9	14	22	32	44	48	31	27	22	25	18	7	5	4	2	6	4	19
19	1	3	6	6	9	11	17	17	15	17	6	22	33	38	43	46	45	44	40	35	23	25	15	9	22
20	8	31	35	19	23	21	17	15	18	20	21	24	22	17	18	22	17	9	4	2	0	0	0	0	15
21	0	0	1	8	5	8	11	15	18	21	19	25	34	38	45	41	36	36	21	4	0	0	0	0	16
22	0	0	0	0	0	0	2	3	13	31	40	50	47	54	54	58	55	52	48	48	36	37	6	1	27
23	14	13	15	32	28	8	2	6	10	14	25	34	48	****	97	81	85	75	72	76	74	44	13	4	38
24	1	5	0	2	3	12	18	36	31	40	78	77	66	76	87	67	-	80	86	84	74	54	28	6	44
25	19	29	17	20	19	21	8	4	7	27	34	51	0	47	47	51	50	30	19	****	8	3	2	2	22
26	3	2	7	11	11	9	5	5	10	11	13	22	****	83	82	82	66	59	65	71	57	65	51	19	35
27	6	1	23	35	39	27	13	11	11	10	16	24	24	26	39	35	33	27	19	11	3	4	3	1	18
28	1	4	16	19	23	21	20	19	16	16	19	17	15	20	25	29	28	28	26	22	21	18	14	19	19
29	12	3	10	2	16	9	20	24	24	23	32	36	40	45	45	50	44	31	27	****	4	14	1	18	23
30	29	31	28	27	26	20	13	16	11	32	36	35	38	38	37	30	28	32	18	21	23	14	14	10	49
MEAN	13	15	17	18	18	15	12	14	15	20	29	33	34	38	42	40	36	36	34	30	23	19	12	11	23.7

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	0	0	3	5	8	5	10	22	35	43	44	50	60	53	51	53	42	27	33	49	44	44	29
2	44	43	40	28	27	12	5	20	29	35	39	42	28	49	49	44	40	32	24	14	9	5	1	1	28
3	0	0	4	15	14	11	11	8	10	19	22	21	32	41	61	53	80	79	75	48	6	0	0	0	25
4	1	12	8	1	5	9	7	11	27	23	51	80	92	102	95	88	91	73	58	39	47	44	31	13	42
5	17	20	22	36	32	31	16	26	38	49	61	72	71	70	76	81	63	58	55	45	28	26	28	27	44
6	30	26	26	29	30	24	22	26	29	33	37	38	39	36	38	38	35	32	27	20	5	1	0	0	26
7	0	2	11	4	4	3	1	2	3	39	18	29	43	23	31	25	24	28	27	26	35	42	38	22	20
8	23	22	24	29	31	20	10	13	22	26	26	52	82	14	49	41	42	34	28	20	10	4	4	3	26
9	12	12	14	15	13	15	7	4	6	14	15	25	17	15	16	24	30	14	30	37	17	21	0	0	16
10	0	0	0	0	0	0	2	11	26	18	30	47	49	73	82	83	82	83	67	41	27	2	10	29	32
11	9	25	24	32	26	15	21	17	9	16	38	61	107	68	86	55	42	34	25	19	11	7	6	7	32
12	10	10	11	8	2	5	9	16	23	28	31	32	36	36	37	36	28	29	21	15	4	5	3	3	18
13	3	7	9	13	19	19	16	19	28	32	35	40	35	37	51	61	62	53	59	46	29	3	0	0	28
14	0	2	1	0	2	45	2	6	8	76	30	58	67	114	48	66	54	63	52	36	14	5	20	41	34
15	39	50	43	49	42	30	9	4	2	9	26	33	39	56	76	45	43	18	15	18	34	24	21	14	31
16	19	28	18	19	24	16	14	18	26	44	45	26	46	76	****	63	101	121	107	****	32	39	39	45	44
17	30	13	14	26	55	33	29	39	47	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	21	21	30	24	15	23	24	21	24	******
19	28	34	14	14	19	23	18	25	32	41	49	58	72	86	96	93	79	67	78	62	51	24	18	3	45
20	3	15	20	28	27	18	22	20	38	29	32	52	54	51	63	72	55	50	30	35	45	15	43	62	37
21	59	55	58	50	47	39	16	13	14	21	39	58	54	45	48	57	52	46	36	34	30	29	19	31	40
22	35	42	38	34	24	18	7	2	5	12	11	16	21	22	23	15	9	11	10	2	1	0	15	15	16
23	11	11	8	9	12	16	10	10	14	18	20	23	24	20	22	24	23	20	18	10	7	5	3	2	14
24	1	2	2	5	6	5	2	3	8	9	8	23	29	40	35	35	44	50	46	32	10	8	1	0	17
25	4	7	16	17	11	8	2	3	6	13	20	38	51	50	58	58	52	41	33	29	35	37	39	31	27
26	14	6	1	2	18	24	16	26	37	43	44	40	44	32	22	26	26	26	4	19	24	2	4	6	21
27	10	18	26	16	18	14	25	24	41	53	54	53	57	65	68	64	74	70	62	61	55	40	40	45	44
28	47	46	46	43	53	50	26	13	11	14	9	8	6	11	-	-	22	27	25	20	-	-	-	23	25
29	17	21	19	13	22	22	10	14	25	20	41	54	54	66	70	54	40	29	7	8	4	0	0	1	25
30	2	0	0	5	19	15	7	4	19	23	28	28	29	31	31	28	29	25	22	10	2	0	1	3	15
31	6	9	12	14	0	1	2	6	11	15	23	26	26	31	36	48	53	49	42	44	48	46	37	29	26
MEAN	16	18	18	18	20	18	12	14	20	27	32	41	46	49	53	50	48	45	38	29	23	17	17	17	28.5

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	28	20	13	6	5	3	****	4	8	36	20	58	59	56	54	54	46	42	35	14	1	1	6	26
2	17	34	41	40	36	28	20	21	32	33	36	45	44	59	59	53	39	36	30	23	23	19	17	9	33
3	17	16	19	16	13	20	18	17	27	43	36	53	55	59	67	68	70	69	55	19	8	4	6	1	32
4	0	0	0	1	0	1	6	10	19	28	34	30	36	45	37	32	29	28	25	21	16	20	19	24	19
5	24	19	18	16	15	10	5	4	4	10	10	22	30	28	42	48	52	47	40	33	27	23	21	23	24
6	21	21	21	18	12	8	10	16	31	39	42	57	****	45	45	42	43	****	32	23	6	1	0	15	25
7	20	11	15	15	15	7	5	9	24	35	40	52	55	34	32	38	39	-	37	39	42	35	29	27	26
8	19	5	8	14	18	7	****	10	19	22	22	45	38	24	27	37	54	53	50	41	37	32	26	22	27
9	****	29	30	32	30	25	24	27	28	29	33	33	35	43	48	41	31	21	19	13	6	6	5	5	26
10	6	5	4	4	****	****	7	9	19	23	26	23	24	27	26	24	25	20	18	18	18	10	7	6	16
11	2	3	2	5	8	5	2	3	11	17	****	****	30	22	22	28	****	21	26	23	20	20	22	13	15
12	3	17	21	21	19	14	5	2	4	17	24	34	33	34	33	26	24	21	15	14	10	8	5	4	17
13	6	7	6	4	3	0	1	3	7	17	20	26	27	24	31	30	29	****	30	18	3	3	1	0	13
14	0	1	13	12	13	4	1	9	16	12	5	****	29	33	35	34	43	39	33	26	10	6	11	17	17
15	19	21	25	25	19	13	6	8	11	13	16	17	17	17	16	17	17	16	14	10	6	5	6	2	14
16	4	6	10	13	14	9	10	12	15	16	18	22	23	25	25	25	26	23	18	7	4	4	2	1	14
17	1	1	2	2	4	7	10	10	18	23	28	30	33	40	45	34	30	27	22	18	15	17	17	13	19
18	13	14	14	16	17	12	5	5	4	5	****	9	12	14	15	12	19	22	16	15	12	12	3	1	12
19	0	0	0	0	0	0	****	****	12	29	38	43	38	47	66	67	62	53	36	19	10	0	0	0	24
20	0	1	2	7	5	6	3	14	21	33	33	45	45	46	42	39	41	40	37	37	38	34	33	41	27
21	37	27	-	****	28	18	11	12	21	30	****	50	56	52	47	38	42	43	37	36	34	25	21	21	33
22	24	27	27	26	22	16	5	8	12	17	21	24	21	28	36	38	34	33	30	27	16	5	3	0	21
23	1	2	0	2	20	19	18	22	25	31	38	43	45	59	73	76	70	74	62	37	6	4	2	3	31
24	2	4	6	4	11	12	8	12	15	18	26	31	25	23	22	24	22	18	10	3	2	1	0	0	12
25	0	0	0	0	0	0	0	2	8	10	****	17	41	52	71	64	60	61	57	54	61	23	17	13	27
26	13	22	19	21	19	11	3	-	7	10	25	38	42	71	77	83	76	70	66	60	38	43	49	40	39
27	28	46	42	46	40	31	22	16	50	24	45	61	66	67	54	46	36	64	59	40	25	29	22	26	41
28	28	14	18	18	13	4	1	0	2	3	4	4	5	5	7	9	11	13	11	15	15	13	14	13	10
29	8	8	18	23	22	16	7	12	25	45	41	46	44	41	41	41	34	29	22	21	20	18	16	14	26
30	8	2	5	8	8	5	4	4	17	23	27	30	28	34	41	34	22	35	44	39	42	60	51	29	25
31	28	33	49	43	24	18	14	15	36	27	30	39	46	53	53	32	27	30	35	25	9	20	40	38	32
MEAN	13	14	15	16	15	11	8	10	18	22	28	34	36	39	42	40	39	38	33	26	19	16	15	14	23.3

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	39	39	31	34	32	31	28	23	22	23	30	18	25	24	32	40	44	39	41	25	18	22	19	18	29
2	24	22	22	21	24	13	2	3	3	4	0	7	6	9	23	23	22	27	16	13	9	7	6	8	13
3	10	11	11	8	12	6	4	5	10	17	26	32	35	34	36	40	44	25	29	30	23	35	47	38	24
4	30	35	27	19	12	6	2	9	16	23	28	36	48	64	51	39	38	54	57	-	47	51	35	23	33
5	17	23	27	13	15	7	2	9	12	17	30	35	38	35	35	32	29	27	19	7	2	2	0	3	18
6	2	0	4	19	23	7	6	16	22	29	32	32	33	29	26	25	22	18	11	3	2	1	1	0	15
7	1	1	9	7	6	11	10	12	13	19	25	28	29	31	31	44	41	34	26	8	1	1	0	1	16
8	1	1	0	0	0	0	0	1	2	5	****	9	11	15	17	11	11	5	10	10	10	15	13	13	7
9	4	15	20	10	1	1	3	4	9	13	13	24	36	40	29	23	11	10	7	7	10	5	6	8	13
10	12	13	13	13	12	7	3	5	10	19	23	24	14	24	25	22	22	20	14	3	3	0	0	2	13
11	2	4	6	8	9	5	3	4	10	16	35	40	40	38	39	37	36	34	21	16	18	7	3	7	18
12	14	15	17	16	17	12	6	7	9	12	****	10	8	7	9	6	4	2	3	1	1	1	5	2	9
13	4	8	10	13	14	13	11	11	10	11	10	12	11	11	10	4	11	16	23	21	17	5	1	1	11
14	1	1	1	1	1	1	1	3	4	11	25	23	30	21	10	10	9	8	6	5	8	6	5	6	8
15	9	9	9	9	9	5	2	-	5	7	9	16	14	13	15	15	12	10	6	9	4	4	3	7	9
16	6	7	2	0	1	3	5	6	6	4	5	8	8	14	17	20	22	24	10	4	5	7	5	20	9
17	27	22	20	27	27	19	12	19	21	12	14	14	20	18	23	21	17	14	15	8	7	2	2	0	16
18	4	11	12	14	12	5	1	2	11	15	14	18	23	31	34	26	14	12	10	10	11	12	14	20	14
19	12	18	13	14	12	5	1	3	7	16	13	23	27	31	25	37	38	38	32	22	25	19	21	15	19
20	14	6	13	13	7	19	15	12	12	20	27	32	34	34	35	40	38	36	24	8	1	3	11	12	19
21	10	3	11	15	19	23	26	24	23	20	19	22	28	33	38	46	49	50	45	30	16	29	34	30	27
22	28	27	26	26	25	19	7	3	10	7	4	****	21	19	13	5	4	22	17	19	6	9	14	12	15
23	9	27	24	19	15	7	2	3	7	9	9	10	10	11	12	11	11	8	1	1	5	2	2	2	9
24	3	2	2	3	2	1	0	1	6	12	7	13	18	21	18	16	15	10	5	4	6	4	2	0	7
25	7	3	0	0	0	0	0	0	0	0	1	3	7	9	4	3	2	5	1	4	9	13	2	0	3
26	0	20	20	21	21	12	5	6	9	10	12	13	16	16	13	14	15	12	8	5	5	6	4	1	11
27	2	0	1	4	8	-	2	6	9	16	16	18	20	17	14	9	15	9	5	5	5	7	4	2	8
28	0	1	3	5	5	4	5	9	13	15	17	21	23	24	26	28	30	28	14	2	1	1	3	1	12
29	2	6	8	6	6	3	1	2	6	14	12	27	20	21	23	16	15	13	5	4	4	2	1	0	9
30	0	0	0	0	1	0	0	2	2	5	11	17	21	20	13	-	12	14	6	8	7	10	13	8	7
MEAN	10	12	12	12	12	8	6	7	10	13	17	20	22	24	23	23	22	21	16	10	10	10	9	9	14.0

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	4	21	18	10	1	2	5	10	14	20	20	19	26	31	35	35	30	38	40	37	28	17	19
2	20	34	34	33	29	17	10	2	6	4	9	21	19	12	13	-	6	****	1	0	1	1	0	1	12
3	1	****	1	0	2	0	1	2	3	6	****	46	5	5	2	3	1	0	0	2	5	****	1	0	4
4	3	3	1	11	13	3	2	2	2	2	4	6	7	8	6	6	5	3	3	3	2	4	6	5	5
5	6	6	7	8	8	5	5	5	8	12	13	13	10	10	9	8	6	2	0	0	0	0	0	0	6
6	1	2	4	6	4	3	2	1	3	5	5	7	7	4	4	4	3	-	1	0	14	11	3	7	4
7	10	11	11	18	4	3	1	1	3	3	4	9	15	19	19	17	10	4	11	5	0	0	0	1	7
8	0	1	0	1	8	5	2	6	13	-	-	22	26	35	34	20	22	14	8	9	6	4	3	8	12
9	9	11	12	10	11	6	2	2	4	11	10	13	16	15	14	14	13	3	1	1	1	1	0	1	8
10	0	0	0	0	1	0	0	4	15	19	21	23	22	25	****	21	****	****	****	****	****	****	****	****	******
11	****	****	0	0	0	0	0	2	4	****	3	4	5	7	9	7	5	4	2	2	2	2	2	2	3
12	3	5	9	8	11	16	15	14	11	11	12	15	14	13	12	14	13	11	10	9	6	10	6	5	11
13	3	8	6	10	17	14	8	9	15	19	21	20	18	19	19	17	17	14	8	7	5	3	1	2	12
14	9	8	6	2	2	1	1	1	4	8	11	13	11	6	7	5	2	2	1	1	1	1	1	1	4
15	1	1	3	8	4	3	1	2	5	6	8	9	11	12	11	6	5	4	3	4	3	1	1	1	5
16	1	2	5	3	3	1	1	1	1	2	3	2	2	3	1	1	1	1	2	2	2	2	2	3	2
17	2	2	1	2	2	1	1	1	1	3	4	5	8	8	9	4	9	16	12	8	14	15	17	18	7
18	15	13	13	10	11	6	4	5	12	17	18	17	21	23	23	19	13	7	2	2	15	18	14	13	13
19	8	3	13	15	16	14	13	14	13	10	13	9	9	11	12	11	7	7	3	2	1	2	4	18	10
20	24	21	17	18	16	10	3	1	3	9	15	18	14	13	14	5	3	3	2	2	4	6	3	2	9
21	2	2	2	7	3	2	0	0	1	2	6	10	6	9	13	16	16	11	8	8	9	4	4	5	6
22	13	11	12	8	14	6	3	3	4	8	12	14	13	12	9	6	5	4	7	3	4	3	3	3	8
23	3	3	3	3	3	2	2	2	7	14	16	16	-	18	17	16	12	6	3	6	8	12	13	15	9
24	14	15	17	18	19	14	8	8	11	14	15	15	16	14	13	10	6	5	6	7	5	8	5	6	11
25	6	6	7	9	8	8	7	8	7	6	-	7	6	4	4	4	1	1	2	3	5	5	7	11	6
26	13	12	13	13	15	15	14	14	14	15	16	19	20	19	18	18	17	14	12	12	10	12	14	14	15
27	17	17	18	19	19	19	16	5	3	8	11	12	14	17	16	11	9	3	0	0	1	0	0	0	10
28	0	0	0	0	0	4	3	1	3	8	12	23	19	19	22	18	14	8	10	9	11	10	10	10	9
29	5	10	10	15	17	17	10	2	2	3	9	14	15	13	12	9	6	3	2	4	1	1	4	4	8
30	3	9	8	15	15	8	9	4	2	4	14	13	17	14	13	10	8	4	6	5	1	5	12	8	9
31	8	7	7	6	4	4	2	2	3	6	6	-	18	20	20	18	12	7	2	3	4	1	7	13	8
MEAN	7	8	8	10	10	7	5	4	6	8	11	15	13	14	13	12	9	7	5	5	6	6	6	6	8.4

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	16	20	19	13	15	12	9	17	19	20	18	14	15	13	13	11	8	10	9	15	15	11	14
2	9	8	10	7	4	11	13	15	17	20	22	25	23	25	24	18	13	9	6	1	0	0	0	0	12
3	0	0	5	-	17	5	4	3	5	5	5	4	3	2	1	1	0	0	0	0	7	6	10	16	4
4	18	26	29	23	24	26	24	13	5	6	11	9	4	6	5	3	3	-	-	4	9	7	11	13	13
5	9	10	13	14	9	12	7	4	4	-	13	-	-	17	16	-	-	-	-	5	-	-	5	4	******
6	0	1	2	3	3	2	0	-	-	-	1	-	-	4	3	3	3	2	3	5	3	1	3	3	2
7	2	2	4	3	2	1	0	0	0	3	4	4	3	1	0	0	1	1	0	0	1	2	5	5	2
8	6	6	8	13	15	19	15	13	15	16	15	16	16	19	19	17	12	6	5	5	13	14	13	9	13
9	7	5	4	6	7	7	6	2	1	1	6	8	15	14	11	10	8	5	2	2	4	5	8	13	7
10	18	21	21	19	21	20	15	9	12	17	19	18	19	15	20	17	16	12	14	17	17	15	15	15	17
11	16	19	22	21	22	18	17	10	9	15	18	20	22	21	18	12	9	4	8	10	11	9	9	14	15
12	18	21	22	22	20	18	15	5	5	11	-	16	20	18	13	10	2	0	0	0	0	0	0	0	10
13	0	0	0	0	0	4	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	****	0	0	0	0	1	1	5	7	9	12	8	8	5	4	3	2	4	1	1	1	2	3
15	1	4	4	5	15	16	13	6	2	3	4	5	8	11	11	8	5	6	3	1	1	2	4	5	6
16	6	3	4	1	0	0	0	3	6	13	16	16	18	18	16	15	7	4	0	3	2	1	0	0	6
17	0	0	0	0	0	0	0	4	3	9	-	12	12	9	5	5	6	5	6	2	2	1	1	2	4
18	5	7	12	17	18	19	14	7	6	9	12	13	14	12	12	9	4	1	5	9	15	12	12	13	11
19	14	18	16	13	18	15	4	1	2	9	8	5	3	2	0	0	0	0	0	0	0	0	1	0	5
20	0	0	0	0	0	0	0	0	0	1	3	4	6	4	****	3	0	0	0	1	4	5	2	0	1
21	2	6	5	1	0	0	0	0	0	0	1	3	3	2	3	2	1	0	0	1	3	4	8	7	2
22	10	9	17	17	11	2	0	2	2	5	8	10	11	12	13	7	4	2	0	0	1	1	0	0	6
23	1	0	0	0	2	1	0	0	2	2	2	3	3	2	1	0	0	0	0	4	2	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	2	5	0
25	9	10	13	15	15	15	9	5	4	6	9	8	11	11	14	13	6	3	2	0	0	0	0	0	7
26	0	0	0	0	0	0	0	0	0	1	3	8	14	13	11	8	3	0	1	0	0	0	0	0	3
27	-	0	0	0	0	1	5	2	3	4	7	10	13	12	13	11	10	8	8	10	9	7	8	8	6
28	11	11	13	14	16	13	11	3	3	4	1	5	2	0	0	0	0	0	0	0	0	0	0	0	4
29	0	0	0	0	0	6	11	10	8	8	10	9	10	15	16	14	8	6	5	3	6	10	9	6	7
30	10	8	7	2	2	9	5	3	9	15	15	16	12	6	5	6	4	4	6	6	4	4	2	0	7
MEAN	6	7	9	8	9	8	7	5	5	7	9	10	11	10	9	7	5	3	3	3	4	4	5	5	6.6

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	4	3	0	0	0	0	0	0	3	7	11	11	4	1	0	0	0	0	0	0	0	1	2
2	3	6	7	6	5	3	1	0	0	0	3	3	****	5	3	2	2	2	5	2	6	14	17	19	5
3	22	25	26	26	27	26	23	17	14	17	20	19	21	22	20	18	11	7	6	7	8	7	5	2	17
4	3	8	10	12	12	9	7	0	0	0	3	8	11	7	5	2	0	0	0	0	0	-	0	0	4
5	0	0	0	0	1	1	0	0	0	1	11	15	16	15	13	13	7	1	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	2	5	12	12	8	6	4	3	3	4	6	1	0	0	3
7	0	0	0	0	0	2	4	3	3	4	2	2	2	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	****	-	-	0	0	0	0	3	8	10	10	1
9	14	14	15	20	18	16	8	1	1	4	9	4	4	1	3	2	1	1	0	0	-	-	0	0	6
10	0	0	0	0	6	9	7	4	2	2	6	11	14	11	7	6	****	****	11	12	15	10	8	8	7
11	10	13	15	12	10	3	1	3	2	5	9	13	11	12	12	9	8	2	3	4	-	-	-	1	8
12	1	3	4	3	4	2	0	0	1	2	3	2	1	0	0	0	0	0	0	0	0	0	0	1	1
13	2	1	0	2	2	3	10	11	11	10	15	16	17	19	15	17	14	3	4	2	3	3	4	10	8
14	5	4	6	9	12	18	20	17	18	18	18	22	24	25	23	21	16	11	5	2	1	0	0	3	12
15	6	11	12	11	11	3	0	0	0	3	5	2	4	2	3	2	1	1	****	0	1	1	0	1	3
16	0	1	2	2	1	1	1	1	1	2	4	5	7	8	10	7	4	2	2	3	6	9	8	12	4
17	****	9	5	6	10	9	4	1	2	2	4	4	6	8	8	5	2	****	****	****	****	****	****	****	5
18	****	4	5	3	2	2	2	7	11	****	****	****	20	18	17	14	6	3	6	4	9	-	-	-	8
19	15	12	13	20	23	24	17	13	9	10	15	19	-	-	17	16	7	3	1	1	3	4	7	4	12
20	3	5	8	12	15	13	7	4	4	11	15	16	16	20	22	16	11	5	5	3	3	9	9	8	10
21	8	6	11	13	13	13	12	10	14	14	15	18	21	21	21	19	12	10	6	6	6	4	3	2	12
22	2	4	4	2	1	0	0	0	1	1	1	3	4	4	2	41	8	3	6	7	8	5	4	1	5
23	0	0	0	0	0	0	0	0	0	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	****	****	9	13	15	16	15	15	15	15	16	14	11	10	10	******
25	11	14	11	13	14	13	14	3	6	8	9	13	10	6	6	10	8	0	0	1	6	4	3	3	8
26	2	5	12	11	12	7	0	3	4	5	8	6	7	8	6	3	1	0	0	1	2	2	1	0	4
27	0	0	0	0	0	0	0	0	2	2	3	5	3	2	2	1	1	0	0	0	0	0	0	0	1
28	0	0	0	1	0	0	0	0	1	2	3	5	5	5	5	4	1	0	0	0	0	0	0	0	1
29	0	0	1	0	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	3	1
30	8	10	13	15	16	17	16	9	7	9	12	13	13	12	11	6	3	1	2	1	0	0	0	0	8
31	0	0	0	1	1	1	0	0	0	1	2	3	4	8	5	7	2	0	0	0	0	0	0	-	2
MEAN	4	5	6	7	7	7	5	4	4	5	7	8	10	10	9	9	5	3	3	3	4	4	3	4	5.7

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1990

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	7.8	18	45
FEB	29	11.2	18	31
MAR	31	16.0	26	47
APR	30	17.9	37	51
MAY	31	25.2	46	97
JUN	30	23.7	45	97
JUL	29	28.5	45	121
AUG	31	23.3	41	83
SEP	30	14.0	33	64
OCT	30	8.4	19	46
NOV	29	6.6	17	29
DEC	29	5.7	17	41
YEAR	359	15.7	46	121

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	474	245	1	0	0	0	0	0	720
FEB	339	332	1	0	0	0	0	0	672
MAR	252	425	63	0	0	0	0	0	740
APR	236	354	114	2	0	0	0	0	706
MAY	159	311	203	50	5	0	0	0	728
JUN	178	328	144	45	14	0	0	0	709
JUL	167	268	164	88	14	5	1	0	707
AUG	198	310	156	58	1	0	0	0	723
SEP	337	300	71	5	0	0	0	0	713
OCT	476	233	12	0	0	0	0	0	721
NOV	503	194	0	0	0	0	0	0	697
DEC	536	153	1	0	0	0	0	0	690
YEAR	3855	3453	930	248	34	5	1	0	8526

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
	0	0.3	5.0	11.7	19.6	34.7	44.2	57.7	69.3	121	15.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	1	1	0	0	0	0	0	1	2	2	1	2	2	1	0	0	0	0	0	0	0	1
2	0	0	1	1	0	0	0	0	0	0	1	2	2	3	****	5	2	1	2	3	4	5	5	4	2
3	6	8	10	10	11	10	4	2	1	5	7	9	9	9	9	8	5	3	3	2	3	4	1	0	6
4	0	0	0	0	1	0	0	0	1	2	2	6	10	5	7	6	4	10	11	0	0	0	2	4	3
5	5	4	4	4	****	7	6	5	7	10	11	14	13	14	12	6	3	2	2	1	0	0	0	4	6
6	1	1	0	0	0	0	0	0	1	2	4	6	8	9	7	8	6	6	6	9	10	10	6	6	4
7	7	6	12	12	11	8	6	5	4	1	1	2	2	2	1	****	1	3	1	3	4	4	6	8	5
8	9	14	14	12	12	8	2	1	1	3	6	8	10	8	9	4	2	0	1	1	3	6	3	4	6
9	8	11	11	7	7	4	2	1	1	3	5	6	9	9	8	7	4	2	1	1	3	2	2	1	5
10	1	1	2	2	2	1	1	0	1	2	4	7	6	7	5	4	6	6	7	7	6	5	3	2	4
11	2	1	2	2	2	1	1	1	2	6	7	6	7	6	6	4	38	4	7	6	9	9	9	8	6
12	9	13	15	16	18	17	15	14	13	12	14	16	17	17	13	12	11	5	4	5	3	3	2	2	11
13	1	2	2	0	1	7	12	11	10	15	15	13	12	9	9	5	7	4	1	0	4	5	9	11	7
14	12	9	9	8	7	4	2	1	1	1	1	1	1	2	2	2	2	2	1	3	2	1	4	1	3
15	1	0	1	0	1	1	0	1	1	2	8	10	12	13	****	1	0	1	0	2	7	3	6	7	3
16	8	8	9	9	7	5	1	1	0	2	3	5	4	7	8	7	4	****	4	4	7	8	7	5	5
17	6	8	10	8	4	2	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
19	0	0	1	5	10	12	12	9	8	3	6	7	9	7	6	6	4	2	0	0	2	2	0	3	5
20	10	11	12	13	13	12	12	11	15	16	18	18	17	16	18	15	12	8	4	5	2	1	1	2	11
21	3	4	4	11	15	10	3	0	0	1	7	11	9	8	5	1	0	0	1	0	0	0	0	0	4
22	0	0	0	0	4	8	6	4	2	2	3	1	0	0	0	****	0	0	1	1	2	0	0	1	2
23	2	4	10	14	14	13	11	4	5	8	13	15	16	16	14	11	7	8	5	7	7	6	8	13	10
24	16	15	16	15	15	13	8	4	4	9	9	8	11	11	10	8	6	5	1	0	1	1	2	1	8
25	0	2	3	0	1	2	1	0	0	1	2	3	2	1	3	3	1	1	0	0	1	0	0	0	1
26	1	1	3	8	9	7	3	2	7	13	16	15	15	15	13	11	10	5	4	4	3	0	2	0	7
27	3	5	7	9	12	12	11	8	10	7	6	9	10	11	12	11	7	6	1	5	5	6	6	5	8
28	5	7	6	4	10	7	4	0	3	8	11	****	14	9	11	3	1	0	1	0	1	4	1	4	5
29	6	10	6	9	9	4	0	0	0	1	5	8	10	11	11	7	6	3	4	4	7	3	7	9	6
30	7	10	12	13	19	14	11	5	5	9	12	16	15	12	13	****	10	7	5	-	8	8	10	11	11
31	13	14	15	15	17	15	12	5	4	5	11	13	13	13	12	9	7	6	5	6	10	10	10	12	11
MEAN	5	5	6	7	8	7	5	3	3	5	7	8	9	8	8	6	5	3	3	3	4	3	4	4	5.3

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	16	17	17	13	9	3	5	8	11	16	16	17	17	15	9	7	5	4	4	6	10	11	11
2	12	11	12	12	11	7	6	4	8	12	15	19	20	18	18	17	13	13	9	8	6	****	6	5	11
3	2	0	1	6	8	11	11	8	10	11	12	15	14	13	16	15	11	10	9	8	7	11	10	10	10
4	12	16	14	15	15	11	5	3	6	****	****	15	17	16	16	****	9	5	7	8	6	6	6	7	10
5	4	2	6	8	11	11	3	0	1	4	10	****	13	13	10	12	-	-	0	1	0	1	1	0	5
6	0	0	0	0	0	1	1	0	0	0	****	****	17	15	15	13	8	3	2	0	1	0	0	0	3
7	1	1	1	2	4	3	1	0	1	3	6	10	13	12	13	10	8	2	3	4	3	3	3	2	5
8	5	6	6	6	5	5	2	1	1	6	7	15	15	15	15	10	7	3	1	2	3	5	2	4	6
9	5	8	10	8	8	5	1	4	8	11	12	16	18	17	14	13	13	9	8	6	5	3	3	3	9
10	5	4	5	9	10	11	10	8	14	18	21	23	22	17	15	15	11	10	9	8	4	3	2	2	11
11	12	18	17	7	11	8	3	0	1	2	6	3	4	6	0	2	1	9	11	10	2	3	3	0	6
12	2	2	6	9	8	7	1	1	1	4	7	12	18	16	11	9	7	4	5	3	2	0	1	4	6
13	1	1	0	1	1	1	0	0	1	2	25	32	7	5	5	****	5	6	5	3	3	1	1	1	5
14	0	2	5	4	2	1	1	1	1	2	8	11	17	****	****	****	****	****	****	****	****	****	****	****	******
15												-	DATA	INVALID	-										
16												-	DATA	INVALID	-										
17												-	DATA	INVALID	-										
18												-	DATA	INVALID	-										
19	****	****	****	****	****	****	****	****	****	****	****	****	3	3	2	1	0	0	0	0	0	0	0	0	******
20	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
21	0	0	1	3	4	8	6	1	1	1	2	3	2	1	1	1	4	6	9	10	12	13	13	13	5
22	18	19	20	20	19	16	12	8	8	9	9	10	10	8	5	2	3	1	0	0	0	0	1	2	8
23	2	1	3	10	12	13	12	14	12	13	10	8	9	11	8	6	5	2	4	4	2	2	1	2	7
24	4	2	3	8	5	0	1	2	3	7	17	20	20	23	24	20	15	11	2	2	2	2	1	2	8
25	5	11	16	15	21	19	14	5	8	9	13	10	13	16	4	15	12	12	13	14	15	15	15	15	13
26	18	20	22	21	19	19	14	9	9	13	9	****	20	19	21	17	10	6	6	3	3	10	14	18	14
27	19	24	23	20	17	6	****	2	2	4	8	11	16	13	18	19	18	14	11	14	10	9	11	15	13
28	12	12	13	15	15	16	11	7	9	13	18	19	22	4	18	19	17	15	12	13	12	10	12	14	14
29	15	16	16	17	16	16	11	7	10	14	17	19	19	20	17	13	12	9	7	7	7	6	5	4	13
MEAN	7	8	9	10	10	9	6	4	5	7	11	14	14	12	12	11	9	7	6	6	5	5	5	6	8.1

PERCENTAGE OF DATA VALID - 81.2 PERCENTAGE OF DATA INVALID - 18.5 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	7	13	12	11	13	16	20	20	21	21	22	22	21	18	15	9	6	10	9	9	4	13
2	6	5	5	8	6	5	4	5	13	22	17	22	24	18	16	17	13	18	15	9	11	8	4	3	11
3	2	4	5	4	4	1	0	****	****	3	6	9	16	17	17	8	6	5	2	2	2	2	5	5	6
4	5	7	5	5	8	7	0	0	2	5	7	8	7	9	7	8	8	5	0	0	0	2	2	7	5
5	9	9	12	7	10	9	2	0	2	0	4	2	3	0	0	2	5	10	14	15	19	18	16	11	7
6	11	17	21	22	23	20	7	7	8	14	14	16	20	18	16	16	12	10	9	5	7	10	3	0	13
7	0	1	2	4	1	0	0	0	2	5	7	8	8	10	8	6	7	6	1	1	2	5	6	8	4
8	13	13	4	12	16	12	5	5	12	16	19	12	8	6	10	14	14	13	11	9	13	20	20	16	12
9	9	9	9	17	17	12	13	18	19	18	18	24	29	30	31	29	25	18	20	9	11	6	5	3	17
10	14	20	35	31	21	18	7	7	8	11	14	13	19	16	15	10	****	****	****	****	****	****	****	****	16
11	****	****	****	****	****	****	****	****	****	17	20	20	21	17	19	13	16	14	15	14	16	17	16	18	******
12	20	19	21	21	19	18	15	12	13	16	18	18	18	13	12	11	13	12	12	11	8	5	5	6	14
13	20	24	21	22	21	19	14	12	11	10	11	12	8	10	14	13	13	13	16	16	15	13	12	11	15
14	11	11	11	12	13	11	1	1	1	2	5	14	20	20	24	****	20	15	13	11	16	15	11	13	12
15	15	16	16	18	22	22	21	21	23	22	25	26	26	27	27	26	23	18	14	6	5	1	1	0	18
16	0	0	0	0	21	23	24	23	22	23	23	25	23	23	25	28	27	26	28	30	28	27	25	19	21
17	15	13	18	15	11	3	0	0	1	1	1	1	1	****	1	1	0	0	0	1	1	9	15	15	5
18	16	18	21	24	26	26	24	18	15	20	21	21	21	23	21	18	16	17	13	3	1	1	3	0	16
19	0	0	0	0	0	1	1	2	8	10	10	12	14	14	16	****	9	4	2	4	6	6	1	0	5
20	0	0	0	0	1	0	0	0	2	3	6	9	10	11	18	20	12	4	3	4	15	10	10	4	6
21	5	6	1	4	13	15	7	5	5	6	5	4	3	1	1	6	9	11	14	16	18	18	19	20	9
22	20	20	21	21	23	22	21	20	20	20	19	17	18	16	19	15	15	14	14	9	6	6	3	3	16
23	1	0	0	0	0	0	1	2	3	5	11	15	15	14	12	10	5	5	3	8	10	8	5	9	6
24	15	18	19	19	22	21	15	7	6	12	16	19	19	10	15	14	13	15	6	0	0	0	0	4	12
25	6	12	14	20	17	13	13	8	8	10	11	12	15	16	14	11	9	6	8	10	8	7	4	4	11
26	8	11	13	17	16	17	12	7	6	7	8	13	9	3	5	2	1	0	0	1	0	0	0	0	7
27	0	1	6	3	5	0	0	1	1	8	10	11	14	14	****	10	8	8	9	10	18	13	13	14	8
28	16	19	15	3	0	0	1	1	3	5	5	10	8	11	5	2	3	1	0	0	0	0	2	2	5
29	0	4	14	17	27	26	23	22	19	17	18	19	21	23	26	24	14	14	12	11	6	6	7	4	16
30	2	4	9	16	17	16	15	17	21	30	26	26	20	23	24	27	25	22	18	17	18	19	18	24	19
31	24	27	27	27	27	24	19	16	14	12	13	15	20	17	20	19	14	17	21	19	13	10	6	0	18
MEAN	9	10	12	13	14	12	9	9	10	12	13	15	15	15	15	14	12	11	10	9	9	9	8	8	11.4

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	0	0	0	7	-	12	13	13	-	16	11	14	5	5	1	11	9	1	0	6
2	3	3	1	0	0	0	2	2	4	7	11	18	23	12	12	17	11	6	3	13	8	13	12	11	8
3	9	9	5	3	4	0	1	3	16	20	17	16	-	17	11	15	16	17	21	24	23	25	23	20	14
4	23	20	24	24	25	24	17	6	12	13	7	4	2	3	7	3	14	17	15	14	16	18	21	21	15
5	22	22	23	23	23	21	20	20	22	24	23	25	28	29	31	31	30	30	22	11	1	0	1	1	20
6	5	3	8	1	17	21	18	20	27	27	25	25	26	24	27	27	27	29	28	27	25	26	26	26	21
7	27	29	28	26	24	20	10	6	9	13	6	9	12	13	7	5	4	6	5	7	3	2	3	1	11
8	10	17	15	6	7	5	2	7	10	16	21	21	22	22	****	7	6	13	12	13	17	17	7	-	12
9	15	23	27	22	12	5	1	0	6	5	5	10	10	17	14	10	9	1	6	2	8	4	19	14	10
10	16	8	14	8	13	10	8	5	3	3	5	7	6	6	5	5	5	4	3	4	4	3	5	3	6
11	1	1	6	5	5	3	1	1	1	1	3	2	6	5	3	4	2	1	1	3	0	1	0	0	2
12	6	5	9	5	1	2	1	2	5	4	1	1	1	3	2	1	2	9	20	14	9	11	8	4	5
13	4	9	16	24	21	18	9	18	21	22	23	23	24	21	20	19	16	15	11	12	10	7	3	2	15
14	5	2	13	14	14	11	7	6	6	7	9	9	9	8	6	****	15	16	16	15	13	3	5	2	9
15	15	13	19	19	17	16	8	4	6	8	9	10	8	7	6	6	4	4	3	3	0	1	4	8	8
16	11	12	14	15	20	21	20	17	16	19	21	23	23	23	22	****	22	17	17	15	16	13	10	7	17
17	6	6	7	3	1	0	0	1	10	13	13	14	17	19	18	17	11	6	2	6	3	3	1	6	8
18	7	4	6	14	5	0	5	6	12	14	9	11	15	15	28	16	12	5	11	15	15	12	9	2	10
19	0	0	0	2	3	1	3	5	11	15	18	21	27	29	26	33	29	17	8	2	2	2	5	7	11
20	11	3	33	26	34	20	11	8	3	11	28	41	41	38	39	35	33	30	26	18	17	14	10	10	23
21	4	13	16	17	16	14	14	9	12	20	22	24	28	26	25	23	23	18	17	16	6	-	1	0	16
22	2	11	8	9	7	4	11	12	13	16	17	17	17	16	16	14	17	17	14	13	12	14	-	12	13
23	17	20	21	21	19	17	13	12	12	13	18	17	20	19	20	18	12	6	13	13	12	11	12	12	15
24	10	15	17	12	18	18	14	11	11	14	19	18	20	23	25	21	16	17	20	20	15	7	0	2	15
25	0	0	1	7	10	6	3	1	1	4	8	15	14	10	8	8	14	7	4	7	2	1	1	2	6
26	3	3	2	0	0	1	2	4	7	12	14	13	13	18	15	9	7	5	6	3	4	2	1	0	6
27	0	0	0	0	1	2	3	5	19	20	22	24	24	22	22	27	23	23	26	24	31	34	34	34	18
28	34	32	27	22	21	19	11	11	11	10	12	13	9	9	9	8	8	8	11	14	17	17	17	17	15
29	17	17	18	19	16	11	4	5	9	12	12	10	9	38	10	17	15	15	12	7	8	7	2	6	12
30	3	0	1	3	1	0	0	0	3	5	8	12	12	9	7	17	11	2	3	-	1	0	0	0	*
MEAN	10	10	13	12	12	10	7	7	10	13	14	16	17	17	16	15	14	12	12	12	10	10	9	8	11.8

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	6	7	6	3	0	0	2	7	5	5	7	8	****	-	3	****	3	2	0	0	4	4	3
2	5	11	15	8	0	0	0	1	2	4	7	10	13	11	16	23	22	23	8	1	0	0	0	0	8
3	0	0	0	0	0	0	0	8	9	6	9	10	15	30	35	33	32	29	25	21	17	12	6	2	12
4	2	4	12	19	12	8	13	21	18	20	29	18	22	25	29	28	14	11	22	10	0	1	0	7	14
5	27	27	30	29	25	19	6	3	7	7	13	20	18	31	27	32	38	35	30	27	13	31	30	29	23
6	28	25	23	22	22	15	6	5	10	14	17	22	22	24	20	13	14	21	19	21	19	7	0	4	16
7	9	11	13	14	17	5	1	6	15	18	16	13	9	6	3	4	4	6	7	8	9	6	3	0	8
8	3	5	6	7	2	0	0	2	9	9	8	9	4	3	4	4	14	13	12	12	13	13	12	12	7
9	15	16	18	19	17	12	6	5	10	15	16	16	15	16	16	16	13	14	14	11	4	1	5	4	12
10	10	1	3	9	3	2	2	4	10	16	20	20	22	26	31	30	34	28	25	23	24	24	21	12	17
11	12	15	26	42	29	28	24	28	37	32	34	35	17	33	36	36	37	33	30	23	11	9	1	0	25
12	3	16	17	15	3	2	4	11	11	12	17	20	10	****	14	10	13	15	12	9	0	0	0	0	**
13	0	2	5	6	1	0	3	3	7	14	12	14	9	8	14	8	3	2	4	1	1	3	14	8	6
14	3	15	21	20	22	20	8	4	6	14	19	21	12	6	4	10	11	11	12	6	9	6	4	-	11
15	9	8	10	12	10	6	4	8	19	21	21	17	22	16	22	22	20	22	23	16	8	4	2	1	13
16	1	5	8	9	1	0	0	2	5	9	11	14	13	12	18	16	14	9	3	0	3	0	0	0	6
17	0	0	0	0	0	1	5	13	15	16	21	22	28	32	36	37	37	33	13	19	24	19	30	35	18
18	37	39	41	41	42	37	34	34	27	17	10	8	12	19	-	17	16	33	30	26	23	22	17	21	28
19	20	26	30	32	32	29	29	28	25	25	27	33	36	34	31	32	31	14	1	7	3	1	2	23	
20	4	3	3	10	16	12	8	12	16	13	10	15	12	13	15	13	27	17	13	12	14	1	0	0	11
21	0	0	2	4	9	7	2	1	4	6	13	18	22	20	63	25	27	16	10	6	7	4	0	3	11
22	16	28	40	30	24	7	10	2	5	6	****	35	52	60	60	46	51	10	0	0	15	0	1	0	22
23	0	6	10	0	0	0	0	1	5	26	20	22	32	59	62	55	42	26	17	7	0	0	1	18	17
24	28	25	0	21	29	28	17	12	6	10	20	35	36	40	28	20	25	23	38	35	37	29	12	25	
25	13	24	22	24	26	26	26	29	31	33	34	26	27	28	31	26	23	35	32	25	17	15	15	20	25
26	27	30	30	30	26	20	15	15	18	24	29	34	34	34	31	30	30	29	24	22	21	21	19	24	26
27	27	****	31	30	27	18	6	5	7	13	16	15	16	20	16	16	18	17	13	5	2	1	6	10	15
28	19	22	21	21	19	11	4	2	4	7	12	17	11	13	15	14	16	10	8	1	0	0	2	0	10
29	2	13	8	21	28	7	7	9	9	16	19	25	25	24	21	20	27	33	33	32	35	30	35	37	22
30	39	35	35	33	23	8	3	5	15	16	16	20	22	32	35	28	13	16	32	23	18	24	30	28	23
31	31	26	32	32	29	21	14	19	23	35	41	51	57	32	20	32	25	23	19	18	13	10	9	10	25
MEAN	13	15	17	18	16	11	8	10	13	16	18	20	21	24	26	23	22	21	18	14	12	10	10	10	16.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	15	16	14	14	19	20	21	20	24	21	20	20	17	16	19	17	17	20	16	18	21	11	23	18
2	23	18	18	19	16	5	2	3	3	3	4	5	6	7	11	15	4	4	13	29	11	11	5	8	10
3	7	20	22	23	19	12	5	2	3	4	15	22	26	28	29	30	27	26	19	15	14	16	10	15	17
4	17	20	22	19	18	13	8	12	19	22	26	27	****	25	25	27	26	30	27	19	14	8	7	6	19
5	7	12	16	13	10	7	4	5	12	17	14	17	21	21	19	18	32	27	25	17	23	15	15	18	16
6	17	18	22	24	20	14	8	6	6	4	9	2	9	10	14	13	13	16	13	16	5	6	5	11	12
7	14	21	33	35	32	25	20	4	4	10	27	34	39	34	24	20	31	33	32	42	41	37	18	8	26
8	2	1	27	37	29	16	16	17	17	21	21	18	18	14	16	22	26	26	23	23	17	12	10	3	18
9	0	3	0	2	6	3	3	3	4	4	12	24	26	21	22	23	25	25	24	21	13	5	1	1	11
10	7	4	12	8	6	7	5	7	8	8	10	14	17	24	24	23	21	20	17	19	18	12	6	14	13
11	23	25	24	22	17	12	7	9	13	10	10	13	13	5	14	19	17	21	18	15	3	0	0	0	13
12	0	0	0	0	1	0	3	5	6	11	17	16	21	21	21	25	21	17	16	26	16	10	6	15	11
13	16	8	14	10	3	1	3	3	8	10	17	32	31	34	47	42	42	31	9	7	1	3	1	5	16
14	26	34	21	31	18	16	24	24	****	****	49	60	45	52	56	41	33	40	41	2	0	1	0	0	28
15	6	0	0	0	0	0	0	1	18	21	30	12	21	9	8	10	11	10	11	9	9	6	7	9	9
16	12	13	16	17	13	7	4	5	10	7	****	12	13	8	****	20	19	21	20	15	11	9	6	8	12
17	12	10	9	2	0	0	2	1	3	10	10	14	17	11	****	17	23	22	20	14	10	7	2	3	10
18	2	9	9	9	14	3	7	10	10	13	20	27	30	21	18	18	9	5	5	6	6	7	2	3	11
19	0	0	1	0	1	6	6	6	7	10	13	16	22	23	23	24	41	44	40	32	17	21	4	5	16
20	13	34	29	18	21	19	15	11	14	17	8	21	20	19	17	16	14	6	2	0	0	0	0	0	13
21	0	0	0	0	1	2	4	8	9	7	14	13	20	24	21	15	23	16	11	1	1	0	0	0	8
22	0	0	0	0	0	0	1	5	10	20	28	33	38	43	44	43	39	41	35	26	25	11	8	22	20
23	28	16	16	29	16	1	3	14	13	16	19	30	36	44	****	50	50	32	31	49	35	12	2	2	24
24	1	11	5	1	0	0	0	1	5	28	39	59	60	40	71	42	-	65	52	36	18	22	5	4	25
25	25	34	13	6	8	0	0	3	15	26	32	51	51	56	55	57	64	41	28	****	1	0	0	1	25
26	1	9	14	23	8	1	2	13	22	26	25	44	52	47	34	45	66	36	33	49	45	48	31	1	28
27	0	0	18	30	30	17	9	8	7	7	12	18	17	20	31	30	27	20	13	9	1	2	0	2	14
28	5	15	16	16	15	13	14	14	12	14	15	15	14	21	22	23	23	23	19	20	19	17	12	14	16
29	16	6	3	13	22	17	17	19	13	16	18	22	24	26	32	27	26	24	21	5	1	5	5	8	17
30	24	23	22	23	19	15	8	12	15	24	27	27	31	27	20	19	22	20	3	3	16	13	12	7	18
MEAN	11	13	14	15	13	8	7	8	11	14	19	24	26	25	27	27	28	25	21	19	14	11	6	7	16.3

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	0	0	0	3	2	1	2	4	12	16	25	25	27	35	33	34	27	21	10	10	17	10	23	14
2	27	36	16	11	8	1	3	13	19	16	27	33	37	41	36	38	32	25	22	13	3	1	3	1	19
3	1	1	5	5	2	4	7	4	6	16	17	20	20	11	28	28	34	33	28	21	1	0	0	1	12
4	4	10	5	1	1	1	2	11	7	14	28	45	51	65	41	44	31	31	28	25	21	14	1	3	20
5	5	27	21	14	20	20	9	13	29	34	41	36	40	49	51	62	48	44	41	33	21	20	24	23	30
6	25	23	22	23	24	21	19	22	23	27	31	31	32	30	30	30	28	26	21	14	9	2	0	0	21
7	1	5	6	0	0	0	0	2	2	6	12	17	****	16	18	13	11	17	15	9	22	18	18	15	10
8	17	18	18	18	21	5	3	4	12	7	35	35	39	38	33	29	29	28	21	18	8	5	6	4	19
9	12	14	15	5	8	9	1	2	3	8	12	13	11	11	5	12	20	22	26	11	1	0	0	0	9
10	0	0	0	0	0	0	0	2	6	11	20	28	35	39	49	45	43	55	46	26	15	0	0	1	18
11	6	19	12	18	10	0	7	8	4	18	28	37	40	45	43	41	36	30	21	16	10	6	5	8	20
12	7	6	11	6	1	5	10	13	18	23	25	27	30	36	28	17	22	22	16	12	3	2	2	5	14
13	3	8	6	12	16	15	17	19	14	15	22	23	20	22	29	40	39	21	32	15	4	3	2	0	17
14	0	0	0	0	0	0	0	1	3	19	22	39	41	44	26	29	36	35	31	21	2	4	7	23	16
15	20	38	35	28	12	1	1	0	0	4	17	20	27	33	35	9	9	2	2	10	9	13	2	0	14
16	5	16	1	9	14	10	7	10	15	22	12	11	21	23	14	6	9	14	10	8	4	6	8	11	11
17	10	9	5	1	9	18	14	17	19	21	23	26	27	13	17	20	19	22	20	15	10	5	2	3	14
18	2	5	8	10	7	4	0	3	7	****	20	19	15	14	10	9	10	17	6	7	6	8	8	15	9
19	18	24	5	4	9	5	7	18	21	26	31	47	56	68	73	77	57	43	32	17	1	1	0	0	27
20	3	1	6	9	10	14	27	21	28	25	26	34	30	30	41	40	21	23	9	5	0	6	24	42	20
21	53	43	53	44	32	14	4	12	12	22	34	40	32	48	41	22	47	42	35	32	28	27	10	13	31
22	35	38	37	20	3	0	0	0	5	****	****	11	13	12	14	8	7	5	4	0	0	1	12	14	11
23	9	7	9	11	13	18	12	9	14	18	19	19	20	9	11	16	15	15	14	8	5	1	0	0	11
24	0	1	3	4	1	0	0	2	2	3	9	19	20	24	26	24	26	22	21	25	3	1	0	0	10
25	2	5	15	19	9	0	0	3	7	9	13	27	34	35	41	45	35	30	7	3	0	0	15	27	16
26	11	12	18	12	12	7	1	13	28	29	24	33	29	13	10	17	21	18	1	1	0	1	1	0	13
27	2	22	21	9	17	18	25	27	41	41	39	38	47	48	50	52	56	57	56	49	37	25	29	29	35
28	29	39	38	37	39	18	3	2	1	2	3	2	2	3	-	-	4	5	8	14	-	-	-	5	13
29	12	7	8	9	19	18	8	11	11	****	****	28	25	43	48	39	25	23	11	5	0	0	0	0	16
30	0	0	0	6	19	17	7	6	13	18	21	24	24	24	24	23	24	21	21	8	1	0	0	3	13
31	7	10	12	2	0	0	0	2	6	11	12	13	18	15	29	27	27	23	23	27	40	37	30	26	17
MEAN	11	14	13	11	11	8	6	9	12	17	22	26	29	30	31	30	26	26	21	15	9	7	7	9	16.8

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	16	11	3	1	0	0	****	4	8	18	34	50	45	44	42	34	27	22	5	3	1	3	18
2	0	9	21	34	29	11	2	13	21	23	28	30	33	43	41	37	27	21	20	5	11	11	4	5	20
3	9	14	13	13	9	14	10	15	27	27	25	37	41	43	52	51	55	51	41	16	9	7	1	0	24
4	1	1	0	0	0	0	1	3	8	15	17	21	27	37	32	27	21	17	16	14	10	8	10	18	13
5	17	15	14	12	10	4	2	2	3	6	8	8	10	14	22	20	17	19	21	21	13	11	10	15	12
6	16	11	17	13	8	1	1	6	10	****	****	39	36	25	24	25	29	****	23	19	8	0	0	0	15
7	2	4	11	11	4	1	0	4	16	17	22	25	31	30	23	27	21	-	9	30	31	27	23	11	17
8	0	0	1	2	1	2	4	3	****	13	11	10	9	2	9	17	35	29	27	29	26	14	1	4	11
9	****	21	24	25	23	21	21	21	23	25	26	27	30	35	34	31	36	20	16	10	9	5	6	7	22
10	6	1	3	4	****	****	4	13	15	19	19	15	17	21	19	18	21	17	20	18	17	11	12	10	14
11	0	0	0	0	0	0	0	3	6	10	****	****	20	14	15	14	****	25	28	26	19	21	14	8	11
12	4	19	23	25	18	16	3	3	4	8	23	29	20	30	27	22	21	20	14	13	14	8	6	5	16
13	6	8	5	4	3	1	1	3	8	17	12	17	16	14	15	16	14	****	19	6	3	3	1	0	8
14	0	4	15	13	3	1	1	5	8	7	8	16	18	25	22	25	19	29	25	19	12	8	14	17	13
15	18	21	25	24	19	12	6	7	9	11	13	14	15	6	9	11	11	10	9	7	4	3	4	1	11
16	3	5	7	10	11	8	9	10	12	12	16	18	20	22	21	22	24	21	15	6	3	1	1	0	12
17	0	0	0	0	0	1	3	9	16	15	17	18	18	19	21	28	18	12	9	9	6	6	14	13	11
18	14	11	14	14	12	4	1	1	2	1	2	3	2	6	7	8	11	13	17	21	21	13	0	0	8
19	0	0	0	0	0	0	****	1	9	17	14	28	25	29	38	39	37	43	12	17	6	0	0	0	14
20	0	0	0	1	1	0	3	6	9	15	20	24	20	23	24	23	28	32	32	30	31	26	29	34	17
21	30	24	-	****	22	13	5	7	14	23	26	32	17	33	27	27	31	30	25	27	23	14	8	14	21
22	19	18	19	22	12	3	1	4	6	11	10	15	13	14	16	26	25	18	23	22	14	5	0	0	13
23	1	1	0	0	7	11	11	16	21	25	32	29	41	42	52	49	50	52	23	22	4	3	1	3	21
24	3	3	3	6	9	11	9	11	12	11	18	28	24	28	20	14	11	11	6	2	0	0	0	0	10
25	0	0	0	0	0	0	1	1	2	5	12	10	23	0	39	33	44	47	45	46	39	12	8	2	15
26	6	17	15	17	12	6	0	-	11	10	22	27	32	46	48	55	56	49	50	44	13	5	16	6	25
27	27	35	40	41	24	4	5	5	12	20	31	46	54	54	47	53	29	24	8	0	2	18	17	24	25
28	25	9	16	15	11	3	0	1	2	3	4	5	3	5	4	4	5	5	5	6	6	7	5	5	6
29	7	10	13	13	8	3	3	4	15	21	22	22	21	****	27	19	20	24	20	19	19	21	15	17	16
30	13	0	2	4	3	2	1	7	12	11	21	27	22	23	27	18	12	9	12	12	18	33	11	17	13
31	6	22	36	28	20	11	3	14	23	19	20	25	29	35	34	12	10	12	22	13	4	14	26	24	19
MEAN	9	10	12	12	9	6	4	7	12	14	17	22	23	26	27	26	26	25	21	18	13	10	8	8	15.2

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	23	17	24	25	25	20	13	14	17	22	13	15	8	12	22	23	14	17	20	14	9	4	13	17
2	15	19	20	10	10	2	3	2	2	2	0	4	5	1	17	19	19	21	5	7	0	1	0	1	8
3	2	6	11	12	12	8	5	5	10	15	21	25	21	18	17	14	11	14	16	19	17	16	20	13	14
4	14	28	21	0	0	0	1	5	7	14	17	25	35	32	24	22	21	24	23	-	33	27	19	7	17
5	9	11	11	13	4	1	1	4	12	18	23	28	30	28	26	20	18	16	11	12	10	1	1	5	13
6	2	2	5	6	5	3	2	14	20	27	24	29	30	26	23	22	19	17	9	5	2	1	1	1	12
7	1	5	13	8	9	10	10	9	9	13	17	16	15	17	20	20	15	15	10	1	0	0	0	0	10
8	0	0	0	0	0	0	0	1	1	2	1	1	1	2	5	10	11	8	5	5	3	2	4	7	3
9	3	9	10	6	0	0	1	3	6	9	12	16	23	36	15	18	9	8	5	5	7	4	5	8	9
10	10	12	11	11	11	7	3	4	8	15	17	21	20	19	20	16	15	14	9	3	1	0	0	0	10
11	1	1	3	5	7	1	1	1	4	6	15	27	27	30	29	24	23	25	12	7	2	4	1	5	11
12	15	15	13	11	13	9	4	5	7	9	8	8	7	7	5	5	5	4	2	1	0	5	6	5	7
13	4	8	10	10	10	10	8	9	8	6	7	9	9	13	12	9	5	6	13	20	19	11	0	0	9
14	0	3	1	4	0	0	0	1	3	8	23	21	27	20	8	9	9	4	3	3	5	4	4	3	7
15	8	8	7	7	6	3	1	-	3	6	6	9	11	9	10	9	8	5	4	2	1	1	2	6	6
16	8	8	3	0	0	2	3	2	2	2	2	3	3	4	****	3	6	4	1	2	5	2	3	13	4
17	18	13	15	18	10	3	1	8	12	7	****	9	13	13	14	16	12	9	11	8	7	2	1	1	10
18	3	8	7	8	7	1	0	1	7	10	9	15	12	12	11	9	8	6	3	2	1	3	7	11	7
19	7	14	11	8	3	2	0	2	5	11	15	20	21	16	12	25	24	16	10	12	7	14	6	4	11
20	5	7	13	7	1	1	7	6	5	10	16	21	21	20	14	12	22	27	19	10	0	2	13	14	11
21	8	6	9	11	17	15	17	20	20	19	18	13	16	19	22	16	16	24	24	8	2	9	24	24	16
22	22	19	21	22	21	15	4	2	3	2	5	8	14	9	6	2	1	3	6	16	4	7	9	4	9
23	4	24	20	16	12	6	1	3	4	7	7	8	8	8	9	10	9	5	2	2	1	1	1	2	7
24	1	1	1	1	1	0	0	1	4	6	2	6	****	7	6	5	6	7	6	4	5	6	4	8	4
25	8	6	2	0	0	0	0	0	0	1	2	3	4	4	3	2	2	3	3	4	5	10	3	0	3
26	0	15	11	11	10	6	2	3	5	6	4	8	11	11	9	9	9	7	6	4	4	4	3	1	7
27	2	1	1	4	5	-	1	4	5	11	13	13	14	13	11	6	6	3	2	1	1	2	2	1	5
28	1	2	4	5	5	4	7	8	10	13	15	18	17	15	14	16	14	15	12	3	1	2	1	1	8
29	4	10	13	13	7	2	1	2	5	8	12	11	13	14	13	11	14	12	4	3	1	1	1	1	7
30	1	1	1	1	1	1	1	1	1	3	6	11	14	13	8	-	8	7	8	5	3	4	9	2	5
MEAN	7	10	10	8	7	5	4	5	7	9	12	14	16	15	14	13	12	11	9	7	5	5	5	5	8.9

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	5	3	7	2	0	1	3	7	10	12	13	18	21	26	31	23	25	26	26	17	12	8	12
2	13	28	28	28	21	7	3	1	2	4	****	9	10	9	8	-	2	0	0	1	0	0	0	0	8
3	0	****	3	0	1	****	1	1	1	2	4	4	3	4	2	3	1	0	0	3	7	2	2	1	2
4	1	2	1	13	12	3	3	6	2	1	4	6	6	5	4	3	3	3	2	2	1	3	3	3	4
5	2	1	3	8	6	5	3	5	7	11	12	12	10	10	7	5	5	2	0	1	1	1	1	1	5
6	2	4	6	9	3	1	1	2	3	5	5	5	5	6	2	4	4	-	1	3	12	6	2	8	4
7	9	4	7	10	7	1	1	1	2	3	5	8	9	12	13	10	12	9	2	4	1	1	1	1	6
8	1	1	1	1	2	2	1	2	6	-	-	8	13	21	25	19	17	11	5	8	7	5	4	6	8
9	10	11	10	8	5	5	1	1	4	9	11	12	11	9	9	9	9	6	4	1	1	1	1	1	6
10	1	1	1	1	1	1	1	3	8	9	9	10	13	****	11	9	12	7	6	6	2	0	1	2	5
11	0	0	0	0	0	0	1	1	3	1	1	1	1	4	4	2	1	1	1	1	0	0	0	0	1
12	0	1	6	8	7	12	12	11	9	9	9	12	12	11	11	13	12	10	8	6	6	7	5	5	8
13	5	7	5	6	13	12	8	7	12	15	17	16	15	15	13	14	13	9	5	6	4	:	:	:	2
14	6	7	4	1	3	1	0	1	3	7	8	11	4	3	4	4	2	3	1	0	0	1	0	1	3
15	1	4	5	5	4	3	1	2	3	4	****	5	5	4	4	2	3	4	4	6	2	0	0	1	3
16	3	4	4	5	5	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1
17	1	1	0	1	0	0	0	0	0	1	2	4	1	2	1	0	3	6	4	3	6	7	9	12	3
18	8	7	6	5	6	3	2	2	9	11	8	10	12	12	15	13	8	4	1	1	9	8	4	4	7
19	0	2	5	9	10	7	5	8	9	8	9	7	6	6	8	9	3	3	0	1	0	0	2	14	5
20	18	18	17	17	10	6	2	0	2	6	10	10	7	7	8	2	2	1	1	1	3	2	0	0	6
21	0	1	4	8	3	0	0	0	0	1	3	3	2	5	7	10	9	5	4	5	4	2	2	4	3
22	5	7	8	8	7	3	1	0	1	4	7	8	8	6	5	5	3	2	2	2	2	2	1	0	4
23	0	0	0	0	0	0	0	0	4	6	8	8	10	5	-	4	5	2	2	4	4	4	7	10	4
24	8	11	9	9	9	4	3	3	-	-	3	5	5	3	-	5	4	2	3	3	3	3	3	3	5
25	4	4	3	2	2	2	2	2	3	-	3	3	3	5	6	2	1	2	2	2	3	3	4	8	3
26	10	11	11	12	14	11	11	8	8	9	12	15	16	14	15	15	13	10	8	7	8	8	5	9	11
27	11	17	12	13	13	8	4	2	1	2	3	5	8	8	9	4	2	0	0	0	0	0	0	0	5
28	0	0	0	0	0	2	2	1	2	6	-	19	17	16	17	12	9	4	6	5	6	4	3	1	6
29	2	2	2	8	10	14	7	1	2	2	7	7	10	13	8	5	3	2	1	2	3	2	2	0	5
30	1	4	1	9	9	3	4	2	1	1	7	11	13	12	11	9	8	6	7	5	6	2	0	0	6
31	2	2	4	1	1	0	1	0	1	-	4	5	9	13	15	12	7	2	0	0	3	1	5	9	4
MEAN	4	5	6	7	6	4	3	2	4	5	7	8	8	9	9	8	7	5	3	4	4	3	3	4	5.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	10	13	15	15	9	12	7	7	13	14	15	15	11	13	11	10	6	6	6	7	9	10	7	10
2	7	6	6	10	6	10	13	13	14	17	18	20	19	19	16	15	11	6	2	0	0	0	0	0	10
3	0	2	0	-	14	3	1	1	2	3	-	2	1	1	0	0	0	0	0	0	0	1	1	6	2
4	11	22	25	23	22	22	14	8	5	4	1	1	1	1	1	0	0	0	0	2	6	6	6	8	8
5	6	8	8	5	8	6	6	3	3	7	11	10	12	11	10	7	5	2	4	2	0	0	0	0	6
6	0	0	2	1	0	0	0	0	0	2	3	5	6	3	2	0	0	0	0	0	1	1	1	2	1
7	1	0	1	3	2	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	3	3	4	1
8	5	5	5	10	12	15	12	11	12	10	10	11	10	10	9	7	4	2	2	1	8	13	12	8	9
9	4	4	4	4	3	6	4	2	1	0	3	2	9	10	9	4	5	2	1	0	1	4	4	9	4
10	13	17	17	16	17	16	11	5	6	12	-	14	13	14	14	11	10	6	8	11	13	11	10	10	12
11	12	15	18	17	17	13	13	7	5	10	17	13	15	16	12	9	3	1	7	8	8	7	7	9	11
12	12	15	17	18	16	16	10	2	2	10	12	12	15	13	11	7	1	0	0	0	0	0	0	2	7
13	0	0	0	0	0	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	****	0	0	0	0	0	1	3	4	6	7	8	5	4	2	1	1	0	0	1	0	0	2
15	0	4	4	0	0	2	5	1	0	1	4	3	4	6	7	6	4	5	3	3	2	2	3	1	3
16	2	1	1	2	0	0	0	1	6	11	13	14	14	15	14	12	7	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	1	1	2	-	1	1	1	2	2	2	3	4	4	3	1	1	1	1
18	2	4	8	13	13	13	7	1	2	4	5	****	8	8	7	5	3	1	2	5	11	8	6	7	6
19	10	12	12	10	12	8	1	0	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1	0	3
20	0	0	0	0	0	0	0	0	0	0	1	2	3	5	4	2	1	1	1	2	2	4	2	0	1
21	1	6	6	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	4	4	1
22	5	5	10	13	8	0	0	1	1	2	6	7	7	7	7	7	3	2	1	0	3	1	0	0	4
23	1	0	1	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	2	2	1	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0
25	6	8	11	13	13	13	7	5	3	4	5	5	7	8	9	21	3	2	2	1	0	0	0	0	6
26	0	0	0	3	0	0	0	0	0	1	3	7	11	6	4	5	3	0	0	0	1	0	0	0	2
27	-	0	0	0	0	2	1	0	0	1	2	4	5	5	6	3	4	6	7	7	7	6	6	4	3
28	5	6	8	9	9	7	3	1	0	1	1	0	1	0	0	****	0	0	0	0	0	1	0	0	2
29	0	0	0	0	0	4	5	3	2	4	6	4	5	9	9	9	6	2	1	0	2	4	3	1	3
30	4	2	2	3	2	2	2	2	2	6	7	7	4	2	3	5	5	2	2	1	3	2	1	1	3
MEAN	4	5	6	7	6	6	4	3	3	4	6	6	7	6	6	5	3	2	2	2	3	3	3	3	4.3

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	3	2	1	0	0	0	0	1	3	5	7	3	2	1	0	0	0	0	0	0	0	1	1
2	1	2	4	4	3	2	0	0	0	0	0	1	4	1	1	1	2	2	4	2	3	8	10	12	3
3	15	16	14	15	19	19	18	12	10	12	14	14	16	16	13	11	6	5	4	4	8	5	3	2	11
4	2	9	10	12	11	7	2	0	0	1	2	3	5	3	2	2	0	0	0	0	0	-	0	0	3
5	0	0	0	0	0	0	0	0	0	1	3	4	5	5	4	3	0	0	0	0	0	0	0	0	1
6	-	0	0	0	0	0	0	0	0	0	1	1	2	3	5	3	3	3	2	1	2	0	0	0	1
7	0	0	0	0	0	1	3	2	3	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	7	7	1
9	9	10	12	16	14	11	3	1	1	4	2	1	2	1	****	0	1	1	0	0	-	-	0	0	4
10	0	0	0	0	1	1	0	1	0	1	2	5	7	3	1	2	****	****	5	7	10	9	8	6	3
11	12	11	9	8	7	3	0	1	2	4	5	6	6	9	6	3	2	1	2	1	-	-	-	1	5
12	3	3	3	2	2	2	0	0	2	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1
13	1	0	1	3	2	7	7	7	7	7	11	13	14	16	13	10	10	7	3	2	1	3	7	10	7
14	6	3	6	8	10	15	18	11	14	15	14	18	20	20	18	16	11	8	3	3	0	1	1	3	10
15	6	5	6	10	7	3	0	0	0	5	3	1	0	0	1	0	0	0	****	0	0	0	0	0	2
16	0	0	1	0	0	0	0	0	0	0	2	3	5	4	****	2	1	0	0	1	4	6	7	8	2
17	9	7	8	7	7	8	3	0	1	1	1	2	4	5	6	5	1	3	5	8	****	5	10	7	5
18	8	5	1	0	0	0	0	3	5	8	9	11	14	9	10	4	1	1	3	3	2	-	-	-	5
19	9	9	10	13	18	17	12	8	5	6	9	13	-	-	11	8	2	0	0	0	0	1	3	1	7
20	1	3	5	9	10	9	5	3	2	7	10	13	12	15	15	12	5	1	3	3	2	3	2	3	6
21	5	4	4	8	10	10	9	9	8	11	12	13	17	18	16	13	5	6	3	4	3	2	1	2	8
22	1	2	3	1	0	0	0	0	0	0	1	2	3	****	2	2	2	4	3	5	7	3	4	1	2
23	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	0	0	0	****	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	2	3	5	8	9	11	10	11	10	10	13	13	11	10	12	6
25	10	9	12	12	11	11	9	3	2	6	5	7	8	7	5	7	3	0	0	1	5	2	1	1	6
26	1	3	9	8	6	7	6	4	3	4	6	5	7	5	4	3	0	0	1	1	1	1	0	0	4
27	0	0	0	0	0	0	0	0	0	1	2	3	1	1	2	0	0	0	0	0	0	0	2	0	1
28	0	0	0	1	1	0	0	0	0	1	3	4	3	3	4	2	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0
30	6	9	11	12	13	13	12	3	3	5	9	11	10	9	7	5	3	2	0	2	1	0	0	0	6
31	0	1	1	1	1	1	1	0	1	1	2	3	6	10	11	10	5	0	0	1	1	1	3	-	3
MEAN	4	4	4	5	5	5	3	2	2	4	4	5	6	6	6	4	2	2	2	2	2	2	3	3	3.7

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.3	11	38
FEB	23	8.1	14	32
MAR	30	11.4	21	35
APR	30	11.8	23	41
MAY	31	16.0	26	63
JUN	30	16.3	28	71
JUL	31	16.6	33	77
AUG	31	15.2	25	66
SEP	30	8.9	17	36
OCT	31	5.2	12	31
NOV	30	4.3	12	25
DEC	31	3.7	11	20
YEAR	359	10.3	35	77

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	609	124	1	0	0	0	0	0	734
FEB	361	203	1	0	0	0	0	0	565
MAR	339	379	3	0	0	0	0	0	721
APR	343	349	18	0	0	0	0	0	710
MAY	285	355	86	10	0	0	0	0	736
JUN	263	360	72	16	0	0	0	0	711
JUL	302	309	106	16	0	0	0	0	733
AUG	295	355	66	10	0	0	0	0	726
SEP	464	245	4	0	0	0	0	0	713
OCT	624	103	1	0	0	0	0	0	728
NOV	610	101	0	0	0	0	0	0	711
DEC	645	78	0	0	0	0	0	0	723
YEAR	5140	2961	358	52	0	0	0	0	8511

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.9	0	0.0	2.4	7.0	13.0	23.5	29.7	36.7	44.9	77	10.3

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	7	2	0	0	1	2	3	2	2	0	0	0	0	0	0	0	0	0	1
2	0	0	1	1	2	1	0	0	1	3	2	3	3	4	5	4	2	1	1	3	4	8	9	6	3
3	8	10	11	11	11	11	7	3	3	9	10	10	12	7	****	7	4	2	2	2	0	2	1	0	6
4	1	2	4	7	6	2	1	0	1	4	6	11	17	14	15	10	8	14	2	2	2	3	4	8	6
5	15	17	18	18	****	19	15	7	9	15	16	17	19	19	12	9	5	0	0	0	0	0	0	2	10
6	1	2	2	2	8	8	4	4	6	6	6	10	15	14	19	18	13	12	12	15	16	16	13	9	10
7	10	9	12	17	16	13	9	6	5	6	8	9	8	9	9	6	4	3	3	4	4	4	9	10	8
8	11	14	15	14	14	13	6	1	1	5	11	12	13	11	10	7	2	0	0	1	11	6	5	10	8
9	11	14	12	11	7	6	3	0	0	2	6	9	10	9	1	5	3	1	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	7	13	15	15	15	12	10	12	14	12	9	6	6	4	6
11	2	3	4	5	6	4	2	0	1	6	8	8	5	5	4	2	0	2	5	4	7	9	9	8	5
12	8	11	13	15	15	14	14	13	12	13	13	12	11	12	12	11	10	7	5	5	7	2	3	0	10
13	0	****	****	****	****	****	9	8	8	11	15	16	17	17	16	15	12	10	3	****	****	2	4	0	10
14	10	9	9	6	4	0	0	****	****	****	0	0	****	0	****	1	1	0	0	2	0	0	0	0	2
15	0	0	0	0	0	0	0	0	0	1	9	12	19	20	20	14	6	0	0	2	13	15	16	17	7
16	15	15	15	9	12	11	10	5	7	12	14	15	15	15	16	16	14	****	15	14	12	9	7	6	12
17	7	8	9	9	9	6	3	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	2	11	13	14	15	12	11	9	5	8	10	8	7	6	6	4	5	3	5	3	6	10	7
20	14	12	11	15	18	17	16	15	17	16	16	16	17	16	16	16	11	4	3	5	2	0	2	3	12
21	8	8	7	14	18	16	7	1	0	2	7	9	5	****	11	4	0	2	3	1	0	0	0	0	5
22	0	0	0	0	0	6	3	2	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1
23	1	5	9	14	15	14	12	5	4	11	14	15	17	16	14	11	8	5	4	6	9	7	12	14	10
24	4	0	6	18	19	17	11	1	5	10	10	14	15	16	****	7	3	1	1	0	0	0	0	0	7
25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0	0
26	3	5	9	14	15	20	16	11	9	13	16	14	13	14	13	6	3	2	1	0	0	0	1	0	8
27	0	0	0	7	9	13	14	13	11	11	10	9	12	11	7	9	7	8	3	2	4	8	5	4	7
28	3	2	7	8	7	7	2	0	2	7	12	13	13	10	11	10	3	0	0	1	0	0	0	2	5
29	4	10	10	11	8	2	0	0	0	1	3	7	12	7	****	10	6	6	3	1	6	9	17	13	6
30	10	17	21	22	23	21	9	3	6	13	15	17	17	18	18	****	****	7	3	7	10	16	17	17	14
31	18	20	22	22	20	21	13	7	9	13	16	16	15	17	15	9	9	8	8	9	13	13	15	15	14
MEAN	5	6	8	9	9	9	7	4	4	7	8	10	11	10	10	8	5	4	3	3	4	4	5	5	6.7

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	20	21	22	22	20	12	6	8	13	16	16	19	18	17	15	10	8	7	6	10	12	14	15	14
2	17	16	18	20	21	18	14	12	13	17	16	16	17	18	18	18	15	13	10	8	5	****	16	10	15
3	10	11	16	19	20	21	19	17	18	18	18	15	16	17	17	15	15	13	9	12	13	13	15	15	16
4	20	19	22	22	22	20	11	5	6	****	****	17	19	20	18	15	13	8	9	10	12	11	13	11	15
5	10	9	16	17	16	9	3	1	2	8	****	****	****	****	10	9	-	-	1	2	3	1	0	0	7
6	0	4	3	8	4	12	8	3	2	4	7	17	18	17	16	19	14	3	1	2	5	0	0	1	7
7	5	3	1	1	0	3	2	0	0	4	8	11	12	15	12	14	9	3	2	3	6	3	3	6	5
8	9	12	13	15	11	6	0	0	2	7	12	16	15	9	13	12	11	4	3	4	8	6	5	7	8
9	8	7	6	4	6	13	7	9	7	8	9	14	13	18	20	13	11	8	7	8	6	8	5	7	9
10	10	8	10	13	14	17	14	11	15	17	21	23	23	20	20	19	9	4	5	5	3	1	6	4	12
11	1	6	12	16	20	16	6	0	0	3	5	7	14	15	15	12	7	3	10	9	4	0	1	2	9
12	1	2	5	8	9	7	0	0	0	3	13	18	18	13	18	15	12	9	8	6	5	1	1	2	7
13	4	1	0	0	3	5	0	0	0	2	8	13	10	10	****	****	6	3	0	0	1	2	1	0	3
14	0	4	6	4	2	1	0	0	0	0	4	11	16	16	17	15	12	5	3	1	1	0	0	0	5
15	0	0	0	****	****	****	0	0	0	1	6	17	8	8	****	****	24	19	****	22	22	26	****	14	10
16	11	14	19	24	27	27	17	10	17	20	25	29	27	16	18	19	19	15	13	12	12	14	10	3	17
17	1	1	1	1	2	1	1	2	6	17	20	21	22	24	24	23	24	21	23	15	14	12	16	15	13
18	15	15	13	8	12	5	3	2	4	7	13	19	22	19	16	14	7	4	7	3	6	16	16	15	11
19	13	13	6	10	5	3	2	2	2	4	5	6	6	****	1	2	0	0	0	0	0	0	0	0	3
20	2	6	6	2	2	0	0	0	1	6	8	9	5	1	0	0	0	0	0	0	0	0	0	0	2
21	0	0	1	7	11	10	3	0	0	0	1	2	5	2	3	8	6	11	18	20	22	23	24	24	8
22	23	21	22	21	19	18	16	12	12	14	15	16	****	14	15	15	8	1	0	0	0	1	2	2	12
23	3	2	7	8	14	18	17	12	11	13	15	19	17	16	16	10	6	3	2	0	0	1	3	3	9
24	2	1	0	2	0	0	2	11	7	9	15	20	20	21	22	22	18	14	8	8	9	3	0	0	9
25	1	1	13	14	20	16	3	0	7	18	19	****	****	****	21	16	15	16	9	12	16	16	17	16	13
26	18	19	22	22	21	19	11	7	9	14	17	17	11	****	18	19	15	12	9	1	6	11	12	12	14
27	16	13	23	20	11	14	****	3	4	8	12	16	15	15	****	18	15	13	16	15	13	10	13	12	13
28	13	13	17	19	17	16	9	6	8	16	18	20	20	21	21	19	15	12	11	10	12	10	14	15	15
29	17	21	22	21	19	17	13	6	9	15	16	18	19	18	19	18	12	12	9	7	6	4	6	3	14
MEAN	9	9	11	12	13	12	7	5	6	10	13	16	16	15	16	15	12	8	7	7	8	7	8	7	10.2

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	8	6	11	17	13	12	13	17	19	19	17	17	18	17	17	16	14	10	8	8	9	9	7	13
2	8	4	6	8	6	3	3	5	11	17	20	20	23	21	19	22	18	17	10	8	3	8	5	0	11
3	0	0	0	0	0	0	0	0	5	6	8	17	19	19	19	17	****	11	12	15	16	16	17	17	9
4	16	16	15	11	12	6	1	1	3	8	10	11	14	13	11	11	8	4	1	1	1	1	1	3	7
5	10	10	14	9	6	8	9	5	5	10	14	15	13	4	1	0	7	13	15	17	21	22	20	18	11
6	23	26	28	29	28	23	10	6	12	17	24	24	15	23	23	21	17	15	12	6	7	12	8	1	17
7	0	0	1	1	2	1	0	1	3	5	11	16	17	12	14	8	13	5	1	1	1	0	10	19	6
8	10	2	12	14	16	16	13	16	20	22	22	22	20	19	23	19	17	15	13	10	13	21	24	14	16
9	15	7	12	22	19	19	22	24	24	24	29	33	35	37	34	31	40	42	32	27	24	23	23	19	26
10	21	11	27	35	22	17	10	4	9	17	21	24	26	24	23	19	13	12	9	14	17	23	24	25	19
11	26	27	28	30	28	27	20	14	17	22	23	23	22	21	15	14	16	17	17	18	17	20	20	21	21
12	23	24	23	24	24	23	15	11	12	18	21	20	25	24	27	29	27	23	13	3	5	11	9	4	**
13	2	28	28	26	27	23	25	25	25	27	27	24	24	24	26	26	25	25	24	22	20	21	21	20	24
14	20	24	25	25	26	24	19	2	2	3	8	****	18	22	22	21	18	15	14	14	17	15	15	16	17
15	16	17	18	21	25	23	21	20	20	20	20	21	22	21	21	20	18	16	8	6	6	3	1	1	16
16	1	1	1	1	7	15	26	30	29	29	28	31	30	30	31	33	33	32	34	35	32	34	33	30	24
17	27	24	24	20	17	14	0	0	3	13	12	11	14	9	8	9	4	0	1	0	0	5	14	15	10
18	17	19	22	23	25	24	21	16	17	19	22	22	23	21	25	24	21	22	20	7	11	2	1	1	18
19	0	0	0	0	0	0	1	2	10	14	13	16	19	21	25	22	15	7	3	4	9	13	7	1	8
20	0	1	2	3	6	2	1	2	5	9	12	17	23	****	31	35	29	13	14	3	20	21	14	4	12
21	14	18	12	12	20	20	16	16	15	16	14	16	14	11	2	7	8	10	12	14	15	17	18	18	14
22	18	18	20	21	22	21	21	20	20	19	18	15	13	16	15	14	14	14	13	11	9	12	10	6	16
23	7	7	8	12	16	16	15	13	11	10	15	13	20	20	18	17	9	4	1	9	18	20	11	15	13
24	25	25	25	19	10	20	29	25	24	27	30	30	27	26	20	19	24	14	2	0	0	0	2	4	18
25	11	18	21	24	21	14	9	5	4	9	12	14	16	16	12	12	7	4	6	7	6	8	9	8	11
26	6	8	17	19	20	19	8	3	4	11	14	14	19	20	4	****	2	0	0	1	2	3	0	0	8
27	4	4	5	5	2	1	0	0	1	14	23	28	31	31	33	34	34	31	15	12	14	13	24	25	16
28	25	24	20	2	0	0	0	0	1	10	19	****	29	25	21	19	23	4	2	0	0	7	11	8	11
29	3	15	24	27	27	27	22	20	17	12	11	15	22	24	24	21	22	17	18	11	10	10	9	7	17
30	2	7	18	19	16	21	16	22	27	29	31	33	31	31	32	33	30	32	31	28	28	18	12	22	24
31	27	26	27	28	27	27	24	23	23	25	25	8	27	23	25	27	28	26	24	26	20	5	7	0	22
MEAN	12	14	16	16	16	15	13	11	13	16	19	20	22	21	20	20	19	15	12	11	12	13	13	11	15.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	2	0	0	0	0	8	-	30	33	36	41	39	32	21	14	8	3	12	5	0	0	12
2	0	0	0	0	0	0	0	1	4	10	14	21	27	29	27	26	17	14	7	6	8	11	12	10	10
3	13	9	2	0	0	0	0	3	20	30	31	30	-	43	31	30	28	28	27	30	29	25	24	26	20
4	24	26	26	24	26	28	27	24	13	13	11	7	3	5	2	5	16	16	16	16	17	17	21	20	17
5	22	23	25	24	24	22	20	20	21	21	21	23	25	27	27	27	26	27	22	13	2	0	2	2	19
6	0	3	5	7	18	15	13	22	29	30	30	30	32	33	34	33	34	33	32	30	29	29	30	32	24
7	32	32	31	29	28	25	20	17	20	27	28	32	35	31	30	25	14	17	24	22	20	6	10	26	24
8	32	36	37	34	32	33	29	24	26	34	36	39	39	42	43	39	25	26	31	31	34	33	31	-	33
9	26	37	37	35	33	20	4	1	11	21	26	26	****	****	26	25	****	****	****	****	****	****	****	****	*****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	8	4	0	1	0	****	****	0	****	*****
11	1	5	8	10	9	9	4	2	2	3	5	8	7	10	10	7	0	7	2	****	****	****	5	0	5
12	****	****	4	6	1	3	0	3	9	6	3	0	0	3	3	0	0	8	18	14	9	14	12	9	6
13	8	7	19	19	19	18	15	16	18	19	20	20	19	15	13	13	10	7	9	8	9	3	****	1	13
14	6	5	9	5	10	11	11	10	9	10	11	12	13	14	17	16	16	17	17	17	16	11	5	****	12
15	9	11	10	13	10	10	5	2	5	6	6	5	****	****	7	7	6	4	2	0	0	1	4	9	6
16	12	14	15	16	20	22	17	13	13	20	22	21	23	23	23	21	18	16	15	14	14	13	9	2	17
17	0	0	6	3	0	0	1	4	8	13	19	13	16	23	****	****	18	21	10	12	3	2	7	5	8
18	6	10	11	7	13	8	3	6	17	25	29	31	31	32	28	19	17	15	11	8	6	3	4	3	14
19	0	0	0	0	0	0	3	14	23	21	26	23	36	48	51	58	52	40	21	2	14	27	33	31	22
20	27	4	12	30	36	21	27	27	35	42	39	38	36	33	35	30	28	28	19	16	14	14	9	9	25
21	16	15	15	24	26	22	9	7	13	23	24	25	29	16	20	19	14	13	12	10	5	-	-	1	16
22	6	8	8	4	0	2	14	25	25	26	26	26	18	-	31	28	28	26	22	20	22	24	-	27	19
23	28	27	26	26	25	23	22	21	23	26	28	31	34	37	41	40	14	9	11	11	13	11	9	5	23
24	11	14	16	19	21	17	10	11	11	18	25	28	27	31	32	32	33	32	29	17	5	1	0	1	18
25	0	0	6	8	11	5	1	0	0	2	7	15	18	7	****	5	9	10	2	0	0	0	0	0	5
26	0	0	0	1	1	6	9	10	9	17	15	22	28	32	35	35	31	25	2	0	0	0	0	0	12
27	0	0	0	0	1	2	2	5	19	24	25	31	34	35	35	36	34	33	35	36	40	37	37	37	22
28	35	33	27	24	27	28	26	23	23	21	23	22	17	17	17	15	16	48	20	21	22	22	22	22	24
29	22	22	22	23	22	19	7	2	14	22	22	23	22	22	18	26	30	27	23	17	13	13	4	0	18
30	0	1	2	0	1	0	3	1	2	4	4	7	9	16	19	9	31	11	1	-	0	0	0	0	5
MEAN	12	12	13	14	14	13	10	11	15	19	21	22	24	26	25	23	20	20	15	14	13	12	11	11	16.2

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	7	5	7	3	0	0	0	2	13	18	19	20	17	16	-	16	****	3	0	0	2	5	9	7
2	15	19	18	19	15	3	1	9	14	20	24	19	****	51	62	39	26	20	5	1	0	0	0	0	17
3	0	0	0	0	0	0	2	7	11	20	19	26	28	28	27	25	21	21	17	12	7	5	4	3	12
4	2	11	16	11	17	22	15	19	19	21	27	25	25	35	36	42	38	25	18	9	2	0	2	18	19
5	27	26	27	29	23	5	0	0	10	14	21	31	42	31	40	38	38	40	28	32	29	30	27	27	26
6	26	28	25	23	21	10	4	5	10	15	16	16	18	20	19	19	24	24	22	19	20	15	4	20	18
7	16	17	19	22	25	13	3	5	14	20	20	12	****	15	12	8	8	8	10	9	9	7	4	2	12
8	4	8	13	14	10	4	1	3	10	12	14	11	4	6	4	6	7	16	9	7	6	10	11	14	9
9	16	18	19	19	15	10	5	8	13	17	21	21	20	22	21	19	19	16	13	10	11	6	7	10	15
10	9	7	3	0	2	4	4	8	18	22	22	26	30	25	28	27	41	44	37	37	38	37	31	24	22
11	22	28	25	43	47	44	39	33	44	44	41	44	36	30	32	32	33	28	25	14	5	2	2	3	29
12	14	9	1	0	0	0	1	9	28	31	30	32	32	35	33	28	25	27	24	4	0	0	1	11	10
13	11	5	10	20	30	16	6	9	4	12	20	22	30	30	31	32	19	25	27	19	15	17	20	18	18
14	17	29	27	30	32	16	10	7	12	18	19	21	18	16	11	12	16	14	10	6	8	8	3	-	16
15	9	9	8	9	8	2	2	8	20	21	25	22	****	****	****	14	18	15	12	10	6	7	0	0	11
16	1	7	8	9	11	1	1	1	14	20	23	25	27	27	23	27	32	31	22	4	1	1	1	2	13
17	1	1	2	5	17	24	19	28	33	35	36	38	42	49	53	52	54	55	35	24	32	53	****	****	31
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	39	39	35	****	****	****	****	****	****	*****
19	- DATA INVALID -																								
20	5	5	1	9	15	16	15	21	26	32	32	0	****	****	44	45	45	45	43	35	4	0	0	0	20
21	0	0	0	1	9	2	2	5	13	34	45	43	17	****	52	66	73	41	33	19	5	2	1	0	20
22	15	40	45	40	39	16	2	5	24	33	43	53	68	72	73	64	61	45	35	10	1	0	0	0	33
23	0	0	2	1	0	1	1	4	16	35	52	72	103	88	85	66	61	52	27	8	1	1	11	33	30
24	38	41	43	49	45	45	27	28	30	37	43	53	57	46	43	40	44	58	32	26	32	37	31	20	39
25	17	25	25	22	25	27	28	32	32	35	37	37	40	41	39	41	38	36	35	23	19	26	****	****	31
26	31	31	29	30	27	15	13	17	21	19	22	27	29	****	22	21	22	20	20	18	19	23	21	29	23
27	31	****	31	29	24	10	3	4	11	15	18	19	19	21	20	20	19	13	9	6	9	11	14	20	16
28	26	27	28	25	20	4	0	1	7	23	****	35	36	37	30	24	27	35	24	29	4	4	2	1	20
29	1	1	8	17	17	9	18	23	30	36	37	40	44	46	46	42	40	37	39	40	43	45	47	47	31
30	45	43	42	41	39	28	23	22	31	39	45	59	41	****	49	57	48	45	45	44	41	39	35	33	41
31	31	31	35	34	32	28	24	25	31	38	45	53	56	36	34	32	26	21	17	17	15	12	11	13	29
MEAN	15	17	18	19	20	13	9	12	19	25	29	31	35	34	35	33	33	30	23	17	13	14	11	14	21.5

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 8.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	16	19	20	21	24	24	22	22	22	22	23	17	13	25	25	27	23	11	14	18	20	13	20
2	17	20	26	26	25	19	9	7	7	5	9	15	17	28	20	33	27	33	28	18	8	9	4	8	17
3	22	25	30	26	22	7	8	3	4	8	18	22	23	29	26	22	25	16	16	11	14	14	14	18	18
4	20	20	22	20	16	6	7	10	19	21	23	24	24	21	23	19	22	20	18	13	7	4	3	6	16
5	13	14	17	10	7	3	3	12	29	28	24	28	20	17	****	23	36	57	66	47	31	22	18	8	23
6	16	24	27	14	18	24	22	20	24	21	14	12	24	32	36	28	18	23	32	21	8	13	12	15	21
7	23	27	29	31	32	25	21	28	25	23	42	44	45	45	36	29	45	49	55	55	48	46	43	32	37
8	9	1	22	36	25	16	16	16	15	19	19	16	15	14	14	17	22	21	20	18	14	8	5	0	16
9	1	3	4	4	3	2	1	3	8	12	18	24	24	23	21	20	22	22	19	14	11	5	1	0	11
10	0	3	9	9	6	3	4	6	10	10	11	15	****	17	21	17	16	15	16	13	15	15	15	18	11
11	21	23	22	21	13	2	1	5	13	17	24	17	11	9	5	5	15	16	12	7	3	0	0	0	..
12	0	0	0	0	0	0	0	2	9	15	19	24	7	32	28	21	28	33	30	16	27	25	17	19	15
13	13	7	7	4	1	0	3	5	10	18	26	40	58	61	59	63	59	57	42	24	12	13	8	1	25
14	0	9	1	1	2	3	31	45	****	****	63	86	91	86	87	75	54	49	43	17	6	5	14	5	35
15	2	4	3	3	6	3	13	12	25	31	38	33	11	6	10	11	10	11	10	10	9	9	8	12	12
16	13	12	15	14	11	5	4	9	14	14	****	22	22	23	****	19	16	16	14	9	4	6	8	9	13
17	11	12	12	10	2	0	0	1	7	12	15	****	21	26	26	24	29	31	26	21	17	9	2	4	14
18	4	9	21	20	18	9	3	6	12	21	29	41	28	20	22	34	32	35	32	25	9	3	4	6	18
19	0	1	1	5	5	8	14	19	20	20	26	26	****	45	46	52	56	58	53	48	11	9	12	13	24
20	16	23	29	18	18	14	10	9	11	14	14	17	15	13	12	10	10	7	1	0	0	0	0	0	11
21	0	0	0	0	0	0	1	4	6	9	17	20	31	39	41	33	28	33	17	3	0	****	0	0	12
22	0	0	0	0	0	0	0	4	29	20	45	50	56	55	57	59	58	56	50	42	28	14	1	7	26
23	34	31	36	36	25	5	3	11	26	31	41	65	76	83	86	80	76	65	54	51	31	21	2	0	40
24	0	0	11	2	1	1	3	14	36	72	75	90	78	****	****	108	-	103	71	73	67	30	7	7	40
25	18	28	22	19	17	4	3	6	28	56	66	81	94	81	70	73	80	69	46	****	18	13	13	15	40
26	12	18	14	19	17	15	21	25	36	42	51	58	71	70	67	59	40	47	43	52	53	48	22	3	33
27	1	1	18	25	22	10	6	6	5	8	9	13	14	20	22	19	19	20	19	9	7	6	6	7	12
28	7	12	13	14	16	15	15	16	15	13	14	16	16	17	19	20	22	22	23	22	21	23	22	23	17
29	22	17	14	19	14	17	20	21	21	23	25	30	33	34	35	40	40	27	22	8	0	0	6	7	21
30	20	20	20	20	19	12	10	10	16	21	19	21	36	20	21	23	24	21	15	11	8	10	5	4	17
MEAN	11	13	15	15	13	8	9	12	17	22	28	33	35	34	34	35	33	35	31	23	17	14	10	9	20.9

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	7	6	7	3	4	9	15	21	29	38	38	39	42	41	39	39	32	24	12	23	26	31	22
2	33	37	31	27	20	5	4	13	18	22	23	25	27	28	26	24	21	15	12	7	3	2	4	9	18
3	8	7	9	9	2	2	2	4	8	16	18	****	32	58	57	53	55	64	50	24	5	0	0	0	21
4	0	0	1	17	17	2	4	10	26	33	41	41	44	42	85	78	60	51	47	29	26	21	14	9	29
5	1	10	20	13	39	51	34	30	31	43	49	62	62	62	61	59	43	37	40	30	21	21	20	20	36
6	26	22	22	23	23	21	19	19	22	24	26	26	25	29	28	27	23	21	17	11	2	0	0	0	19
7	0	0	6	4	0	0	0	0	1	6	18	21	****	****	32	24	22	23	19	14	15	25	24	23	13
8	32	23	23	24	21	10	4	8	15	9	11	31	35	37	32	29	27	20	13	8	2	1	1	0	17
9	2	9	11	8	2	1	0	1	8	11	8	7	11	****	8	6	11	11	11	5	1	0	0	0	6
10	0	0	0	0	0	0	0	0	1	3	6	5	6	49	66	72	81	75	61	26	10	0	0	12	20
11	25	21	10	20	20	12	12	12	23	23	40	45	30	****	36	32	27	24	16	10	6	7	5	9	20
12	16	13	12	7	0	1	4	12	19	17	20	22	25	22	24	19	16	16	13	7	2	3	3	2	12
13	5	8	10	13	12	10	13	16	21	27	30	31	36	44	56	56	56	55	31	17	3	0	0	0	23
14	0	0	0	0	0	0	0	2	14	23	29	50	57	65	54	39	44	54	47	36	5	0	0	16	22
15	17	23	34	38	36	18	0	0	0	15	29	35	51	62	86	65	47	29	27	11	19	24	26	26	30
16	26	33	22	20	26	14	7	11	21	28	27	31	33	28	26	23	27	51	40	18	21	22	29	36	26
17	25	19	19	9	16	20	11	20	30	33	36	38	38	37	25	22	26	26	17	13	9	6	2	5	21
18	5	10	13	12	8	1	0	4	14	18	27	41	7	12	12	13	19	21	31	19	20	23	15	16	15
19	22	25	20	13	8	6	10	26	31	34	39	52	66	77	86	107	72	55	51	45	22	24	22	3	38
20	0	1	15	8	21	31	32	34	36	30	34	48	42	42	58	57	49	38	17	14	14	0	39	63	30
21	47	50	52	45	46	32	15	12	20	36	48	51	61	****	62	48	38	29	20	18	17	16	21	18	35
22	21	31	30	28	18	7	2	1	2	3	9	18	20	26	22	19	11	7	9	3	0	2	8	7	13
23	8	9	6	8	15	11	6	9	11	14	17	17	16	****	14	14	13	13	9	5	3	1	1	2	10
24	0	0	0	1	1	0	0	2	7	12	15	18	24	30	37	32	35	37	36	25	8	0	0	0	13
25	0	3	8	9	7	2	0	3	10	15	24	36	44	46	51	49	63	38	38	32	27	21	18	27	24
26	20	16	27	27	28	24	21	23	33	37	38	41	37	38	38	36	35	25	13	10	8	3	8	12	25
27	15	22	27	21	22	31	30	30	37	49	47	49	52	57	59	57	64	60	60	60	55	50	45	38	43
28	42	48	45	43	50	49	33	21	26	26	23	17	17	****	-	-	12	18	12	18	-	-	-	16	29
29	12	14	16	9	13	3	1	12	32	37	36	53	60	65	67	59	42	16	13	16	9	0	0	1	24
30	0	****	0	0	5	5	1	3	11	16	17	19	21	21	22	20	17	12	13	2	0	0	0	0	9
31	0	0	****	0	****	0	0	5	13	14	21	28	31	****	37	50	50	45	45	45	47	44	43	38	26
MEAN	13	15	17	15	16	12	9	11	18	22	27	33	35	42	44	41	37	33	28	19	13	11	13	14	22.3

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	2	13	18	7	0	4	11	16	19	24	24	25	28	27	33	27	29	31	35	35	20	14	19
2	21	26	26	26	22	6	4	1	3	6	9	11	****	9	6	2	3	3	0	0	0	0	0	0	8
3	0	0	0	0	6	0	0	0	2	6	10	10	10	5	0	1	2	****	****	****	****	****	****	****	3
4												-	DATA	INVALID	-										
5												-	DATA	INVALID	-										
6												-	DATA	INVALID	-										
7	****	****	****	****	****	****	****	****	****	****	****	****	****	23	15	11	9	4	2	0	0	0	0	0	******
8	0	2	4	0	9	3	1	3	9	14	22	24	32	32	27	21	16	4	6	6	6	2	7	11	11
9	13	12	6	4	3	0	0	2	8	16	14	16	16	19	17	14	9	6	0	0	0	0	0	0	7
10	0	0	0	0	0	0	0	0	17	25	22	****	21	23	25	24	22	13	17	15	4	0	0	0	10
11	0	0	0	0	0	0	0	0	2	0	0	2	4	4	2	2	0	0	2	0	0	0	0	0	1
12	0	2	7	8	10	10	12	10	10	9	10	9	10	10	10	10	10	8	8	6	6	6	2	2	8
13	1	1	3	7	14	14	8	11	14	13	14	15	14	13	13	10	9	6	5	2	2	0	1	4	8
14	7	7	11	7	0	0	0	0	6	9	9	****	10	7	2	1	0	0	0	0	0	0	0	0	5
15	0	3	6	9	4	4	2	0	4	11	15	15	17	18	16	15	9	5	6	1	0	0	0	0	7
16	0	0	3	5	6	3	0	0	1	1	1	1	0	1	1	1	0	0	0	2	2	3	5	6	2
17	4	5	6	6	4	2	0	1	2	4	8	12	22	18	12	6	6	11	9	6	13	14	15	16	8
18	14	12	9	8	6	3	1	3	8	13	15	16	20	18	14	10	7	4	****	****	****	****	****	****	10
19												-	DATA	INVALID	-										
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	1	0	0	0	0	0	0	0	0	******
21	2	1	1	8	4	0	0	0	0	2	3	4	****	7	8	9	7	2	5	7	6	2	10	5	4
22	7	8	11	7	6	2	0	0	1	4	****	8	11	9	5	5	2	4	2	0	1	0	0	0	4
23	1	0	0	1	0	0	0	0	6	15	19	20	20	9	14	15	14	5	1	0	0	6	13	14	7
24	12	11	9	4	3	2	2	2	2	3	2	3	2	2	2	2	1	1	0	0	0	1	1	1	3
25	0	1	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	8	10	-	12	10	5	-	0	1	0	1	1	1	2
28	0	0	0	0	1	2	1	1	2	5	11	12	14	12	11	11	7	5	5	5	7	6	4	8	5
29	7	10	15	16	15	12	3	2	4	8	10	11	13	12	12	8	4	1	1	1	2	1	1	1	7
30	2	5	6	2	5	8	5	1	2	3	11	14	14	9	10	10	5	2	4	3	7	11	11	9	7
31	9	8	6	6	6	6	2	1	3	5	8	11	14	14	14	12	9	4	0	1	1	2	11	11	7
MEAN	4	5	5	6	6	3	2	2	5	8	10	11	13	12	11	9	7	5	4	3	4	4	4	4	6.0

PERCENTAGE OF DATA VALID - 80.6 PERCENTAGE OF DATA INVALID - 19.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	12	11	15	17	15	13	10	8	11	12	11	10	9	10	7	6	5	5	6	6	6	6	6	9
2	6	12	11	12	11	8	5	7	13	16	16	16	17	16	15	13	11	4	1	0	1	0	0	0	9
3	0	0	2	-	10	7	0	2	7	9	9	9	8	-	1	0	0	0	0	0	1	3	1	8	4
4	10	16	20	20	19	19	14	7	1	8	7	9	7	3	2	1	0	0	0	0	4	3	1	5	7
5	7	8	5	6	8	6	1	0	1	3	3	6	9	9	8	5	3	1	0	0	0	0	0	0	4
6	0	0	0	1	0	-	0	0	0	0	1	1	1	3	4	-	0	0	3	1	1	2	0	0	1
7	0	0	1	1	1	0	0	0	0	1	1	2	2	0	1	1	0	0	0	0	0	1	4	4	1
8	4	4	5	8	13	12	8	6	9	10	11	14	13	9	9	7	2	0	0	0	9	14	12	9	8
9	9	6	5	6	7	7	5	4	3	0	2	6	10	7	6	3	3	2	1	0	2	3	3	7	4
10	11	13	12	12	13	12	7	3	4	8	8	6	8	9	8	7	4	5	6	6	5	5	5	5	8
11	9	10	12	14	15	13	7	1	4	6	8	8	7	8	7	4	2	2	4	4	6	7	8	9	7
12	11	13	13	14	15	12	6	0	1	6	8	8	11		14	3	1	3	3	3	2	2	2	2	7
13	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
14	3	3	****	3	3	4	4	4	3	5	6	8	10	10	7	6	4	5	6	7	8	7	8	9	6
15	3	3	2	2	2	2	2	2	3	4	7	6	7	9	9	6	5	5	4	4	3	5	5	7	4
16	7	5	3	4	2	2	2	6	10	13	14	14	14	16	16	13	9	2	2	2	2	2	3	3	7
17	3	3	3	2	2	2	2	2	2	6	-	16	17	16	12	4	2	2	2	5	6	10	8	8	6
18	9	13	12	15	15	15	11	6	6	10	13	11	11	8	****	5	3	2	2	5	7	8	7	10	9
19	9	12	11	3	1	5	2	1	3	5	7	6	3	2	2	1	1	1	0	1	1	1	0	0	3
20	0	0	0	0	0	0	0	1	1	2	4	4	5	5	4	2	1	1	1	1	1	3	5	4	2
21	1	3	4	2	0	1	1	0	1	1	2	3	2	2	2	1	1	1	1	1	1	3	5	5	2
22	5	6	9	12	12	7	1	0	2	7	8	7	6	7	8	7	3	1	1	1	1	0	1	0	5
23	0	0	0	0	0	0	0	0	2	3	3	4	3	3	2	1	1	1	1	4	3	1	1	1	1
24	1	1	1	1	1	1	1	1	2	1	2	1	2	2	2	2	1	1	2	1	2	2	5	5	2
25	9	12	12	14	16	14	9	3	6	6	9	9	9	7	11	10	6	3	2	1	1	0	0	0	7
26	0	0	0	1	0	0	0	1	1	2	4	10	12	12	8	7	2	1	2	2	2	2	2	1	3
27	-	0	0	4	8	4	2	8	7	9	11	15	19	****	20	20	20	18	16	17	15	15	15	17	12
28	19	20	21	23	22	19	16	12	11	12	14	12	8	2	1	1	1	1	1	1	1	1	1	1	9
29	0	0	1	0	0	7	13	10	10	11	13	8	9	11	14	13	9	7	5	2	0	2	10	8	7
30	8	10	9	9	8	7	11	11	13	15	17	16	15	10	6	6	6	5	6	5	4	2	2	1	8
MEAN	5	6	6	7	7	7	5	4	5	6	8	8	9	7	7	6	4	3	3	3	3	4	4	5	5.5

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	1	1	1	0	1	1	2	4	7	9	8	15	3	1	0	0	0	0	0	0	0	2
2	0	2	8	4	3	3	0	0	0	0	0	4	6	4	5	2	1	0	3	2	5	8	11	13	4
3	16	16	17	18	18	17	15	10	10	11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4	****	****	****	****	****	****	****	****	****	****	11	11	13	13	10	7	2	1	1	1	0	-	0	0	******
5	6	1	2	3	12	14	6	0	2	7	17	22	25	26	****	24	16	2	0	1	0	0	0	0	8
6	0	0	0	0	0	0	0	1	1	2	4	9	16	16	18	16	15	13	13	7	0	0	0	0	5
7	6	5	9	14	12	11	12	13	13	13	11	7	9	7	5	2	0	0	0	0	1	1	1	1	6
8	1	1	1	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	1	1	2	7	8	8	1
9	12	17	18	20	19	11	3	1	1	2	5	5	4	6	14	12	8	3	1	0	-	-	0	0	7
10	0	0	0	1	4	7	4	0	2	5	7	9	12	12	****	6	****	****	11	12	14	10	11	12	7
11	12	14	17	18	13	4	0	0	1	7	12	15	14	13	13	8	5	2	1	1	-	-	-	0	8
12	1	3	5	6	6	2	0	0	0	2	4	5	3	2	2	1	1	1	0	0	0	0	0	0	2
13	1	1	1	1	2	8	7	7	7	7	8	9	10	11	8	10	6	2	1	0	0	1	3	5	5
14	6	5	7	9	12	13	16	15	16	16	16	16	17	17	17	15	12	6	7	7	1	0	0	0	10
15	2	4	9	13	11	4	0	0	0	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16												- DATA INVALID -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	10	6	3	5	6	5	-	-	-	******
19	12	9	11	16	18	17	13	6	7	9	10	12	-	-	12	9	3	0	0	0	0	0	2	6	8
20	5	4	5	5	7	7	1	0	0	2	5	8	10	12	13	11	4	1	0	0	0	1	6	6	5
21	6	7	8	9	11	12	10	9	11	11	13	14	16	18	18	16	12	5	1	1	1	0	1	1	9
22	1	0	1	0	0	0	0	0	0	0	1	2	2	2	2	2	1	1	6	6	3	2	1	1	1
23	0	0	0	0	0	0	1	1	1	2	2	2	2	1	****	1	1	0	****	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	2	4	5	9	10	10	10	10	10	8	11	11	11	13	12	10	6
25	12	11	12	8	8	8	5	1	2	5	8	10	13	7	3	1	0	0	0	0	0	0	0	0	5
26	0	0	9	12	11	11	7	2	3	7	8	6	7	8	6	3	2	0	0	0	0	0	0	0	4
27	0	0	0	0	0	0	1	0	0	2	7	6	4	5	3	1	1	1	1	1	0	0	0	0	1
28	0	0	0	0	0	0	0	0	1	2	3	7	5	4	4	2	0	0	0	1	0	1	0	0	1
29	0	0	0	0	0	0	0	0	1	1	2	1	3	2	2	1	1	0	0	0	1	1	2	5	1
30	10	12	13	14	16	16	14	8	9	15	15	13	17	15	12	11	4	4	2	1	1	0	2	2	9
31	2	5	14	12	12	14	8	2	4	10	14	13	16	20	18	8	2	2	5	7	8	11	12	-	10
MEAN	4	4	6	7	7	7	5	3	4	5	7	9	10	10	9	7	4	2	3	2	2	2	3	3	5.2

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 14.1 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.7	14	23
FEB	29	10.2	17	29
MAR	31	15.3	26	42
APR	28	16.2	33	58
MAY	29	21.5	41	103
JUN	30	20.9	40	108
JUL	31	22.3	43	107
AUG	31	22.2	37	81
SEP	30	11.7	27	67
OCT	25	6.0	19	35
NOV	30	5.5	12	23
DEC	25	5.2	10	26
YEAR	350	13.8	43	108

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	512	212	0	0	0	0	0	0	724
FEB	341	329	0	0	0	0	0	0	670
MAR	236	468	35	0	0	0	0	0	739
APR	259	319	92	3	0	0	0	0	673
MAY	205	288	157	27	2	1	0	0	680
JUN	217	356	72	50	10	2	0	0	707
JUL	227	295	141	59	4	1	0	0	727
AUG	209	307	177	31	1	0	0	0	725
SEP	378	284	37	7	0	0	0	0	706
OCT	468	126	6	0	0	0	0	0	600
NOV	587	123	0	0	0	0	0	0	710
DEC	490	137	0	0	0	0	0	0	627
YEAR	4129	3244	717	177	17	4	0	0	8288

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.4	0	0.0	3.6	10.1	17.6	31.1	40.5	52.6	62.0	108	13.8

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	3	6	5	7	5	4	1	0	0	0	1	0	0	0	0	1
2	0	0	3	4	2	2	1	0	1	2	7	6	6	****	14	12	5	3	4	7	9	4	7	6	5
3	10	13	12	13	13	13	6	1	2	6	14	16	16	17	17	14	8	3	2	0	0	0	0	0	8
4	0	0	0	2	3	1	0	0	1	3	6	9	14	15	14	6	7	10	5	1	0	1	2	5	4
5	12	14	14	15	****	17	15	5	5	14	18	17	19	18	15	10	10	2	0	0	0	0	0	0	10
6	2	2	1	0	1	0	0	0	3	3	4	6	13	13	20	16	12	9	9	15	19	17	13	9	8
7	12	10	14	18	17	16	12	7	7	9	10	8	12	12	14	11	9	8	7	7	7	9	12	13	11
8	15	18	18	17	16	16	9	5	3	7	15	16	18	18	16	11	7	2	2	2	13	15	13	14	12
9	17	17	16	14	12	9	6	3	2	6	10	13	16	17	16	13	9	3	1	2	4	3	2	1	9
10	2	4	3	1	1	0	0	0	1	1	8	11	15	13	14	11	8	10	13	10	9	7	5	4	6
11	3	3	4	4	3	7	2	1	2	5	12	12	12	10	10	5	4	6	11	14	16	17	15	15	8
12	14	19	20	21	21	22	22	20	20	21	22	22	23	24	24	24	23	15	12	12	13	8	10	2	**
13	7	4	2	0	0	0	10	13	12	17	23	22	21	18	17	14	11	7	2	0	1	3	3	5	9
14	11	13	10	10	8	3	2	1	1	0	1	1	3	5	6	3	1	1	0	3	0	0	1	2	4
15	1	1	0	0	0	0	0	0	0	1	7	13	18	18	17	7	2	1	0	1	6	10	12	13	5
16	14	14	15	17	15	13	6	3	5	10	14	15	16	16	15	14	9	****	13	12	13	11	9	6	12
17	6	7	10	10	7	5	2	0	1	0	0	1	0	0	****	1	0	0	0	1	0	0	1	1	2
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2	1	2	0
19	2	0	2	14	17	21	21	20	18	14	13	17	20	17	18	17	14	13	10	7	8	9	9	16	13
20	21	20	19	22	24	21	21	23	27	26	27	27	27	28	27	26	22	13	8	12	5	7	9	10	20
21	12	12	11	20	23	22	15	4	3	7	16	21	22	****	****	8	5	4	5	3	0	0	0	0	10
22	0	0	0	0	0	7	5	4	3	3	2	2	0	0	0	0	0	0	0	0	0	1	0	0	1
23	1	5	12	20	20	19	18	9	8	14	20	23	24	24	22	18	16	12	8	12	15	16	17	21	16
24	21	20	21	21	22	21	14	3	4	12	16	17	19	18	****	9	7	2	1	0	0	0	0	0	11
25	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	0	0	0	1	0
26	5	7	10	11	14	21	18	14	13	20	23	23	23	23	22	19	17	8	4	0	0	0	0	0	12
27	0	0	6	9	15	17	18	18	14	14	12	16	18	17	9	13	10	8	4	6	9	7	7	3	10
28	2	1	10	6	7	8	6	0	4	10	17	20	21	20	23	20	12	****	****	****	****	****	****	****	11
29													- DATA INVALID -												
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	7	7	8	10	10	10	8	6	6	8	12	13	14	14	14	11	8	5	4	5	5	5	5	6	8.4

PERCENTAGE OF DATA VALID - 88.4 PERCENTAGE OF DATA INVALID - 11.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	24	26	26	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	16	10	****	17	15	******
3	10	5	2	16	20	22	20	17	21	18	23	23	22	23	23	23	21	20	15	16	18	20	19	18	18
4	22	23	23	23	25	21	18	6	10	****	****	****	26	26	25	25	20	16	16	16	20	15	11	11	19
5	10	4	0	0	1	0	0	0	0	5	15	****	20	19	21	15	-	-	****	0	0	0	0	0	6
6	0	0	0	0	2	4	4	0	0	0	2	****	****	14	12	13	9	3	****	0	1	0	0	0	3
7	1	****	****	0	0	4	3	0	0	1	10	15	19	20	22	22	17	4	2	8	9	6	5	5	8
8	4	4	9	11	11	5	0	****	1	5	18	22	24	23	22	23	16	6	6	2	9	14	9	6	11
9	7	10	10	8	9	10	9	9	12	14	18	22	24	20	20	23	19	18	15	12	11	5	2	3	13
10	4	8	1	6	6	14	15	4	13	24	28	29	29	28	29	26	13	12	11	5	7	8	7	6	14
11	2	9	9	17	17	14	6	1	2	2	7	10	20	15	21	16	10	4	11	11	4	0	1	3	9
12	9	11	9	10	14	13	5	0	0	3	16	26	26	27	25	25	16	15	11	10	6	3	3	3	11
13	3	2	1	2	5	3	0	0	0	1	8	13	12	10	21	****	14	11	0	4	5	6	4	2	6
14	2	5	9	6	5	2	0	0	0	1	10	23	28	28	28	28	26	17	10	7	2	0	0	0	10
15	0	0	0	0	0	0	0	0	0	1	7	11	17	15	17	****	15	11	****	6	12	11	****	8	6
16	1	5	12	19	23	23	14	6	12	13	17	18	18	15	30	32	32	26	21	20	21	16	6	1	17
17	0	0	0	0	0	0	0	0	3	16	23	27	28	29	28	29	29	25	25	16	15	15	19	16	14
18	15	16	10	8	11	2	3	2	3	6	14	23	27	****	10	15	6	4	1	2	7	16	19	11	10
19	12	10	3	9	2	0	1	0	1	2	4	6	5	4	2	2	0	0	0	0	0	0	0	0	3
20	1	2	2	0	0	0	0	0	1	1	4	4	2	2	2	0	0	0	0	0	0	0	0	0	1
21	0	0	1	11	15	16	12	1	1	3	3	9	5	3	3	3	4	6	10	11	16	21	26	25	9
22	28	28	28	28	28	22	18	13	14	15	17	16	15	14	14	6	3	2	0	0	0	3	7	8	14
23	4	6	12	11	20	19	23	22	24	25	26	23	22	25	17	14	8	5	1	0	1	0	1	5	13
24	5	0	0	3	4	1	7	15	8	16	24	28	30	33	34	33	26	21	18	13	13	7	4	9	15
25	8	13	25	23	29	25	15	3	7	9	17	21	26	28	****	****	20	17	16	18	21	20	22	23	18
26	26	28	29	27	28	27	22	12	13	21	27	27	28	28	29	26	22	17	8	3	12	10	15	10	21
27	21	10	24	16	6	16	****	4	5	8	15	19	26	26	30	30	25	24	20	23	23	20	22	21	19
28	20	22	20	22	22	18	11	4	11	23	27	29	30	32	****	****	25	21	21	20	21	16	11	11	20
29	14	17	20	23	22	20	16	11	15	20	22	25	27	28	26	24	22	19	14	14	11	11	13	9	18
MEAN	8	9	10	11	12	11	9	5	7	10	15	20	21	21	21	20	16	12	11	9	10	9	9	9	12.1

PERCENTAGE OF DATA VALID - 90.9 PERCENTAGE OF DATA INVALID - 8.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	10	4	5	15	17	18	20	22	25	27	29	29	30	32	30	30	25	19	16	13	14	10	6	19
2	7	1	0	0	0	0	0	4	9	20	26	28	30	30	30	32	31	29	21	18	14	16	12	1	15
3	1	1	1	3	5	3	1	2	5	9	15	22	23	24	24	21	****	15	17	19	20	20	19	19	13
4	16	15	11	8	10	5	0	0	2	9	9	10	13	11	11	13	10	4	****	1	0	****	0	0	7
5	3	2	11	7	8	6	2	0	0	1	1	1	1	****	****	0	14	24	23	28	31	31	26	22	11
6	26	29	33	32	31	25	17	14	16	22	27	30	29	25	24	18	19	15	12	9	8	12	8	0	20
7	1	1	2	0	0	2	0	2	3	6	13	24	21	18	15	16	19	9	1	0	0	0	9	8	7
8	11	0	5	12	14	15	12	10	16	18	18	16	16	11	16	19	20	27	18	6	12	27	32	29	16
9	17	11	16	26	25	23	23	22	25	28	33	39	39	43	39	42	57	52	40	29	26	28	28	23	31
10	18	12	26	34	23	17	10	7	12	17	22	****	27	26	22	16	13	12	3	12	26	33	34	33	20
11	33	31	31	32	31	29	23	15	22	28	30	29	30	30	28	27	25	25	25	23	23	25	26	28	27
12	25	26	29	27	26	26	21	17	19	24	27	27	27	27	25	25	15	15	6	0	0	2	*	*	18
13	14	31	31	30	31	26	21	15	20	24	21	20	15	16	****	16	13	16	12	14	18	9	6	6	18
14	11	12	14	21	20	16	5	0	0	0	8	23	31	31	34	33	31	23	22	25	26	24	21	23	19
15	23	23	21	22	29	29	27	28	28	29	29	29	31	31	32	31	31	29	22	12	9	9	2	****	24
16	****	****	****	****	2	6	27	27	24	26	25	33	33	33	31	33	31	29	27	26	25	25	23	15	25
17	12	7	7	8	8	12	0	0	0	5	3	5	3	2	1	0	0	****	1	****	1	8	19	22	6
18	23	25	28	31	32	33	31	26	27	28	31	33	34	33	34	32	30	26	21	14	12	0	2	1	24
19	****	****	****	****	****	****	****	0	4	8	****	12	15	17	20	20	18	6	0	1	2	0	0	0	8
20	****	****	****	****	0	0	0	0	0	3	8	16	24	29	37	36	30	20	2	1	8	8	6	0	11
21	2	5	0	6	17	19	9	4	2	7	6	3	3	0	2	10	15	21	23	26	27	28	29	29	12
22	29	30	29	30	30	30	30	29	29	28	27	26	26	27	29	27	24	23	20	17	14	12	9	9	24
23	4	6	3	4	3	13	12	11	7	13	17	18	19	19	19	16	6	1	0	2	5	5	3	5	9
24	17	18	17	16	21	21	23	15	13	18	23	25	24	24	****	17	16	8	1	0	0	****	0	4	15
25	11	20	20	27	24	18	16	12	13	16	18	21	21	22	22	19	16	12	12	16	15	14	12	14	17
26	11	15	21	24	24	19	17	8	12	13	15	19	23	27	6	3	0	0	****	****	2	****	****	****	14
27	****	0	2	7	6	2	0	0	0	6	22	27	30	****	32	32	22	12	8	13	5	2	7	14	11
28	10	9	1	0	****	****	0	0	0	3	14	16	21	17	16	27	17	2	0	0	0	5	9	3	8
29	1	3	15	24	29	27	27	25	22	14	15	17	24	32	35	26	21	15	7	4	5	2	4	1	16
30	2	5	15	22	22	22	21	24	26	32	36	39	35	36	29	34	33	33	14	18	27	15	17	29	24
31	33	34	36	36	37	36	30	25	24	27	26	25	27	****	****	27	25	25	22	19	11	6	1	1	24
MEAN	14	14	15	18	18	17	14	12	13	16	20	22	23	24	24	22	21	18	14	13	12	14	13	12	16.8

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 5.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	5	15	28	29	32	38	39	39	26	14	3	0	12	3	1	1	12
2	0	0	0	0	0	0	0	2	6	18	22	31	37	43	****	****	29	24	29	25	20	20	18	11	15
3	11	7	3	4	3	1	0	1	12	20	26	31	33	33	32	29	21	19	22	26	28	30	28	29	19
4	31	29	31	31	31	30	24	17	16	16	12	11	8	9	3	10	20	23	24	23	23	25	29	29	21
5	31	31	32	31	31	28	24	24	27	30	31	36	38	39	40	41	41	41	36	17	7	3	6	7	28
6	1	0	1	3	5	4	3	15	32	35	30	29	29	31	33	35	34	32	31	29	27	27	29	31	22
7	35	33	32	30	25	21	14	9	11	14	23	29	31	35	34	29	18	14	9	8	8	3	11	10	20
8	16	28	32	31	13	14	10	7	13	17	25	32	39	43	43	23	25	28	32	34	22	20	22	11	24
9	20	36	38	37	30	22	5	0	1	12	17	22	33	34	40	42	25	14	13	11	9	8	16	15	21
10	27	18	18	20	16	9	10	10	8	9	11	12	13	13	15	11	9	8	6	3	0	0	0	2	10
11	5	8	11	12	12	12	11	10	6	6	8	12	13	18	19	14	6	18	10	2	2	1	3	3	9
12	0	0	0	4	4	2	1	2	5	5	4	1	3	8	9	8	6	16	33	26	20	23	20	16	9
13	16	16	24	27	27	24	21	22	27	27	28	28	30	26	27	27	27	23	20	17	13	3	3	2	21
14	5	6	11	12	13	16	16	14	11	11	14	****	18	21	20	21	23	21	20	19	12	6	7	2	14
15	11	18	16	17	15	13	11	7	6	6	7	8	8	9	6	5	6	2	1	0	0	0	6	10	8
16	17	18	18	19	23	26	27	28	26	28	32	34	35	35	35	34	30	29	28	24	23	24	20	11	26
17	0	0	0	0	0	0	0	3	6	8	15	14	16	23	26	21	26	31	30	20	6	2	5	3	11
18	1	2	4	6	10	9	5	5	18	25	27	****	28	27	19	15	12	16	20	11	9	7	0	0	12
19	0	0	0	0	0	0	0	3	5	8	18	26	46	46	48	47	39	27	15	10	15	3	8	5	15
20	0	7	23	35	37	19	15	17	27	44	43	43	42	40	38	36	34	31	26	15	10	5	7	5	25
21	0	1	0	1	0	3	11	14	20	29	29	35	45	****	21	16	16	14	12	4	4	0	0	0	12
22	7	2	0	0	0	0	10	14	18	17	18	22	20	30	25	24	21	11	5	6	15	22	12	18	13
23	9	20	24	21	21	21	19	19	22	27	29	32	33	36	40	37	21	19	21	21	16	16	12	2	22
24	3	2	1	4	8	8	16	21	19	22	23	****	34	34	36	38	31	25	22	14	8	0	0	0	16
25	0	1	3	10	12	10	6	2	2	6	17	25	29	27	22	15	15	12	1	3	4	2	0	0	9
26	0	0	0	0	0	0	5	19	19	18	22	34	38	38	35	32	26	15	5	0	0	0	0	0	13
27	0	0	0	0	0	0	1	4	14	25	28	36	38	27	31	35	32	28	27	32	37	43	44	45	22
28	45	43	39	34	31	27	23	25	22	22	24	18	****	16	14	13	9	12	17	19	22	22	22	23	24
29	22	21	21	21	22	14	3	2	10	15	14	16	16	15	16	17	19	19	11	4	4	2	****	****	14
30													- DATA INVALID -												
MEAN	11	12	13	14	13	11	10	11	14	18	22	25	28	28	27	26	22	20	18	15	13	11	12	10	16.8

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2	****	****	****	****	****	****	****	****	****	****	24	17	31	46	60	51	36	24	10	0	0	0	0	0	******
3	0	0	0	0	0	0	2	11	19	24	34	38	43	45	49	46	43	39	36	29	26	9	4	0	21
4	0	0	0	0	0	0	1	12	25	34	37	40	36	41	44	49	41	32	25	15	6	8	11	18	20
5	31	33	31	16	4	0	0	4	10	13	27	42	****	56	56	54	54	55	41	45	40	37	29	29	31
6	31	30	23	26	23	18	9	8	13	19	25	28	30	31	32	26	21	27	25	15	14	22	13	14	22
7	15	16	20	23	28	17	7	15	19	26	27	21	20	19	17	16	15	13	16	16	13	12	12	9	17
8	9	11	17	16	13	11	6	7	14	21	20	22	12	****	16	11	13	22	22	16	19	21	17	19	15
9	24	25	26	27	25	22	16	14	20	27	31	31	30	31	32	30	29	27	24	18	19	16	17	11	24
10	12	12	11	11	7	4	10	17	23	26	30	42	46	49	52	54	57	47	42	34	31	25	20	17	28
11	19	27	27	49	49	47	42	49	53	51	52	55	46	41	40	41	41	41	36	29	20	1	0	0	36
12	0	0	0	0	0	0	2	8	16	24	29	36	****	22	18	10	10	12	9	5	0	0	0	0	9
13	0	0	0	0	0	0	2	4	4	7	23	23	32	34	34	32	26	9	7	10	11	12	15	11	12
14	13	30	30	32	38	38	20	17	19	27	31	32	32	30	21	24	24	23	20	14	15	10	4	0	23
15	8	10	11	12	13	9	6	12	24	32	****	26	26	26	29	29	29	31	28	24	12	0	0	0	17
16	0	0	0	0	0	0	0	1	10	26	17	14	22	21	23	31	35	24	35	21	3	0	0	0	12
17	0	0	0	0	0	0	3	7	30	25	34	36	41	47	51	51	49	40	40	35	43	45	52	52	28
18	37	25	24	24	38	38	42	33	25	13	10	16	23	29	39	45	48	48	40	37	30	29	28	23	31
19	26	31	35	38	40	37	36	37	37	40	44	47	44	42	46	48	48	50	42	30	13	0	0	0	34
20	1	2	4	4	9	8	7	11	19	25	28	32	34	****	42	43	43	37	24	7	0	0	0	0	17
21	0	0	0	0	0	0	0	0	3	17	26	38	45	53	50	57	73	54	42	36	27	7	2	0	22
22	1	21	35	25	15	9	6	7	27	42	44	40	59	78	****	65	61	52	47	29	15	0	0	0	29
23	0	0	0	0	0	0	0	2	11	49	42	85	114	111	89	83	86	72	52	48	6	0	0	0	36
24	0	0	0	0	0	0	1	6	12	41	48	63	75	64	66	57	60	60	50	47	38	40	34	20	33
25	2	13	25	26	26	25	25	31	32	37	38	41	43	44	45	47	47	44	37	27	18	15	12	20	30
26	27	30	30	26	26	22	16	17	22	32	38	40	42	****	****	33	30	29	28	24	21	22	24	29	28
27	31	****	28	26	21	11	0	1	7	16	18	18	25	20	24	22	18	16	13	8	****	4	7	13	16
28	17	18	18	15	17	13	****	****	0	5	20	25	24	30	32	38	33	24	18	9	5	****	****	****	19
29	****	****	****	****	12	4	3	8	18	27	****	28	26	41	40	32	29	27	26	30	29	20	31	38	25
30	38	31	30	26	22	10	0	3	18	29	41	50	67	61	64	53	45	30	41	38	24	34	38	27	35
31	21	25	30	27	24	20	21	23	27	36	45	55	57	41	38	33	27	21	14	14	12	8	8	10	27
MEAN	13	14	16	16	16	13	10	13	19	27	32	36	40	43	41	40	39	34	30	24	18	14	13	12	23.9

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 7.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	11	12	13	11	14	16	19	19	19	20	23	22	17	15	14	12	12	14	5	6	11	13	10	14
2	13	15	13	15	17	6	****	****	1	0	1	13	9	****	****	29	39	42	42	31	5	0	****	****	16
3	14	20	26	23	15	12	1	1	7	6	19	29	31	36	39	35	28	29	23	19	16	20	14	20	20
4	18	19	19	16	17	12	11	20	20	29	32	31	34	33	33	30	32	32	29	17	6	2	****	****	22
5	****	0	1	0	2	0	1	5	23	29	33	34	28	****	36	41	53	65	59	31	3	0	0	0	20
6	15	11	14	21	18	17	4	3	9	8	12	1	7	20	22	9	8	8	17	16	7	8	9	17	12
7	19	26	29	31	30	25	24	19	22	32	42	51	49	52	45	30	35	35	38	29	35	34	12	2	31
8	****	0	12	37	27	16	16	17	18	23	22	19	18	16	17	23	28	26	25	24	15	8	1	0	18
9	1	2	4	2	1	2	0	2	8	13	26	32	31	31	****	28	27	28	25	23	13	****	****	****	15
10	0	4	9	9	6	2	1	7	10	11	12	17	19	27	31	27	24	23	19	18	18	17	15	18	14
11	23	23	22	18	12	4	4	8	16	19	23	14	11	2	3	20	21	25	23	11	****	-	-	-	15
12	****	****	****	****	****	****	****	****	10	18	23	27	****	****	****	39	44	47	37	33	20	9	0	-	******
13	-	-	-	-	-	-	0	2	8	-	28	51	56	83	81	84	66	70	65	55	17	3	0	0	39
14	0	0	0	0	0	0	16	43	****	****	62	89	94	92	96	76	60	38	51	46	14	0	0	0	35
15	0	0	0	0	0	0	1	5	21	38	48	41	22	11	11	11	12	13	12	9	8	7	8	13	12
16	12	6	9	14	14	5	3	7	13	22	****	29	****	33	****	30	29	29	28	19	10	2	1	0	15
17	0	0	0	0	0	1	0	2	13	17	19	24	30	40	46	45	45	39	34	29	19	18	6	15	18
18	10	7	8	14	15	6	11	9	16	26	38	51	44	34	24	28	32	36	35	31	6	1	0	0	20
19	0	0	0	1	1	0	9	18	19	19	28	33	40	47	37	50	48	58	45	40	24	25	13	11	24
20	4	30	35	21	25	26	23	19	24	28	****	34	31	30	26	24	22	15	9	1	0	0	0	0	19
21	0	0	0	0	0	0	6	14	17	24	31	40	32	37	37	33	35	30	28	14	0	0	0	0	16
22	0	0	0	0	0	0	0	1	11	33	62	67	64	64	66	71	71	64	57	48	33	23	5	0	31
23	1	0	1	0	1	1	2	6	22	28	****	57	80	99	110	85	67	73	63	61	63	55	26	2	39
24	1	1	1	1	1	1	3	10	66	88	90	101	104	109	125	108	-	108	85	46	40	30	15	1	49
25	1	1	1	2	3	2	2	9	25	52	60	74	108	107	92	100	108	82	52	****	26	32	29	22	43
26	5	2	1	1	2	12	21	35	41	54	61	74	81	79	76	82	65	57	41	60	54	50	30	5	41
27	2	2	2	11	19	16	13	10	10	14	18	23	22	29	36	34	22	27	20	11	3	4	2	3	15
28	6	10	14	16	21	21	17	16	16	14	16	18	20	21	25	28	27	24	24	19	21	20	11	11	18
29	22	10	5	5	11	11	12	16	22	21	19	18	33	28	40	33	31	36	30	14	2	1	4	5	18
30	26	26	26	25	21	19	17	19	27	33	****	26	36	34	36	40	41	41	35	24	19	16	9	1	26
MEAN	8	8	9	11	10	8	8	12	18	26	33	38	41	45	47	43	39	40	36	27	17	14	9	6	23.3

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	0	1	0	1	5	11	20	29	38	45	47	53	57	54	50	53	52	39	14	10	20	12	26
2	23	37	27	23	16	8	8	23	29	35	39	42	48	48	49	44	38	31	27	17	5	3	1	1	26
3	1	0	0	0	0	0	0	1	3	****	27	30	47	54	55	57	64	75	70	51	5	0	0	0	23
4	0	0	0	0	0	0	1	20	31	****	51	50	55	94	89	75	60	65	38	17	2	4	0	0	23
5	0	0	0	0	0	0	4	12	38	47	53	64	68	69	71	71	56	52	48	41	29	28	29	27	34
6	27	24	25	22	24	21	22	22	25	30	34	34	34	34	34	34	31	27	24	15	0	0	0	0	23
7	0	0	0	0	0	0	0	0	1	****	22	25	41	29	38	27	19	24	23	16	34	39	25	26	17
8	22	19	21	25	25	8	2	8	22	20	21	46	56	55	48	44	43	34	27	18	5	0	0	1	24
9	3	0	2	1	0	0	0	0	12	19	18	24	35	31	15	16	32	19	29	25	11	0	0	0	12
10	0	0	0	0	0	0	0	1	****	29	44	45	52	78	89	90	82	66	63	42	29	8	0	22	32
11	23	1	5	4	1	17	22	25	31	17	45	56	57	57	53	50	44	38	27	22	15	11	8	7	27
12	6	8	6	3	0	2	7	15	25	30	32	33	55	37	36	44	31	27	22	10	1	1	0	0	24
13	6	1	5	4	2	3	8	19	24	33	37	39	43	49	58	60	64	59	50	19	0	0	0	0	26
14	0	0	0	0	0	0	0	4	15	21	37	59	73	75	65	61	60	61	46	29	7	1	1	10	32
15	16	18	26	19	23	14	2	1	0	13	29	38	54	78	98	62	51	56	34	21	34	29	33	28	30
16	11	16	20	12	13	15	14	22	31	40	40	43	49	47	40	46	51	58	37	6	27	6	33	32	31
17	15	5	15	8	15	28	21	40	45	47	51	56	55	50	48	42	44	44	39	30	20	14	4	5	20
18	4	5	9	8	8	6	3	5	19	29	42	39	45	29	22	34	44	50	36	12	6	3	7	8	48
19	22	38	20	8	3	7	12	29	47	55	56	75	88	103	108	99	80	73	75	68	49	16	14	2	35
20	1	1	1	1	9	31	32	28	36	29	37	58	68	67	73	71	63	60	32	20	6	3	32	76	48
21	64	57	59	47	54	44	21	23	34	53	****	75	87	81	79	69	56	49	36	31	25	30	17	21	16
22	22	31	30	26	13	6	3	0	6	15	18	33	29	32	21	33	13	9	15	6	0	1	14	13	16
23	4	3	2	5	13	18	14	14	19	26	26	30	28	28	28	30	25	26	24	14	3	0	0	1	21
24	0	0	0	0	0	0	1	3	8	19	****	37	44	45	55	57	55	61	59	23	9	8	1	0	38
25	2	13	20	18	13	11	5	6	13	18	27	52	64	68	70	70	67	65	69	53	48	38	31	41	22
26	43	15	19	21	16	31	28	28	42	36	35	43	31	39	28	58	31	4	1	4	4	0	0	0	50
27	4	19	9	21	20	32	32	39	48	63	64	63	70	79	80	72	77	73	70	64	61	45	45	48	31
28	41	41	45	52	52	40	23	21	26	25	****	17	18	18	-	-	31	31	33	28	-	-	-	13	32
29	13	18	8	15	26	19	8	25	36	37	47	67	81	82	90	76	55	28	9	10	10	1	0	0	16
30	1	1	0	0	2	11	7	12	22	31	33	36	36	38	34	31	33	31	24	6	0	0	0	1	29
31	0	0	1	0	1	0	1	3	20	27	37	42	51	49	55	58	62	51	31	23	45	51	42	34	27.4
MEAN	12	12	12	11	11	12	10	15	24	31	37	45	51	55	56	54	49	45	38	25	17	12	12	14	

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	25	16	6	1	1	1	1	3	****	44	63	72	72	68	65	62	53	44	29	5	1	2	6	29
2	17	41	47	39	29	24	21	20	37	48	53	54	52	67	75	62	56	44	38	41	39	26	21	24	41
3	27	19	11	4	4	4	6	10	25	47	53	63	74	76	78	78	71	79	52	22	11	3	1	0	34
4	0	0	0	0	1	1	2	10	22	32	46	50	50	47	41	42	40	37	29	15	5	6	26	34	23
5	21	10	15	21	20	12	4	5	12	15	18	30	52	****	57	59	62	57	49	35	27	12	19	23	28
6	24	24	24	21	11	20	19	19	35	49	58	61	****	53	54	55	47	****	33	22	1	0	1	6	29
7	9	3	3	4	7	2	1	6	23	43	51	75	78	65	60	51	51	-	49	35	34	35	29	13	32
8	2	0	1	1	0	1	6	32	51	49	****	49	48	28	39	57	62	63	51	38	44	34	25	20	30
9	****	29	32	33	30	29	30	33	34	36	36	36	36	37	37	35	32	27	21	16	13	7	12	14	28
10	9	2	4	3	****	****	3	12	23	25	27	23	26	28	24	16	22	19	8	10	8	3	1	1	14
11	0	0	0	0	0	1	1	4	13	25	29	28	55	****	****	23	****	21	26	26	28	30	22	8	16
12	17	23	29	27	19	15	4	5	15	32	37	39	39	40	35	31	27	23	21	20	18	14	9	9	22
13	6	3	4	2	1	0	1	4	12	19	****	30	33	32	37	40	41	****	13	4	3	1	0	0	13
14	1	0	0	2	5	1	1	9	20	26	15	23	43	54	61	54	46	45	33	16	1	0	5	5	19
15	8	19	26	24	22	15	7	11	15	18	20	22	23	24	24	23	22	20	18	11	8	5	9	3	17
16	5	8	10	17	17	14	14	15	17	19	22	24	25	26	26	28	29	27	20	9	0	0	0	0	16
17	0	0	0	0	0	0	0	2	13	27	30	34	37	38	27	28	24	12	10	10	15	19	21	25	16
18	20	20	20	22	22	12	6	4	9	10	17	15	24	29	31	27	29	31	18	16	14	1	0	0	17
19	0	0	0	0	0	0	****	1	11	32	53	53	46	****	47	54	78	66	37	14	0	1	1	1	23
20	1	1	1	1	1	1	1	10	32	32	46	46	52	52	47	45	47	43	41	38	39	38	35	45	29
21	32	31	-	****	25	15	14	17	29	39	45	54	60	56	52	44	49	48	38	34	34	32	28	27	37
22	31	35	37	35	32	20	11	12	17	23	****	24	32	35	46	46	41	28	23	15	7	1	2	2	24
23	2	1	2	2	8	7	14	17	28	33	40	48	51	59	47	69	65	41	33	12	11	6	2	2	25
24	3	2	2	2	8	6	7	11	14	25	33	41	40	32	42	50	42	38	15	4	2	2	2	2	18
25	3	3	4	10	2	2	2	2	2	14	40	41	****	****	76	66	64	79	46	33	13	4	8	10	25
26	9	16	10	4	10	6	3	-	11	19	42	56	53	81	89	95	99	76	68	65	39	50	37	20	42
27	12	35	42	42	38	32	20	12	26	56	93	96	94	93	90	90	83	70	54	15	11	33	31	37	50
28	33	14	17	21	17	7	1	1	2	4	5	3	****	****	12	13	13	12	11	10	16	14	11	5	11
29	3	0	7	12	19	5	0	3	18	38	42	44	47	44	47	44	35	32	23	18	11	24	16	12	23
30	10	1	8	6	1	0	0	1	10	30	38	40	24	39	39	42	31	33	47	25	21	66	56	30	25
31	27	7	13	10	14	19	22	17	32	30	32	43	53	60	58	53	34	20	30	35	20	6	34	45	30
MEAN	12	12	13	12	12	9	7	10	20	30	38	42	47	49	49	48	47	41	32	22	16	15	15	14	25.3

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	39	35	36	39	33	33	34	33	34	36	24	31	36	32	50	51	50	48	17	8	11	17	10	32
2	22	17	22	13	18	19	5	1	4	9	2	5	****	****	31	35	27	26	11	2	3	2	1	1	13
3	3	6	8	14	11	3	1	5	11	26	31	35	39	47	39	33	30	35	32	10	1	1	1	1	18
4	1	1	1	1	1	1	1	5	26	37	41	46	56	****	76	51	51	62	57	-	4	2	16	23	25
5	25	29	28	19	12	8	6	16	25	33	39	46	43	44	41	36	33	31	21	6	1	1	1	1	23
6	1	2	1	1	1	1	2	11	29	35	38	37	36	33	32	30	27	24	13	2	1	1	1	1	15
7	2	1	1	2	2	4	5	10	16	23	28	31	35	37	36	34	36	41	12	2	1	1	1	2	15
8	1	2	2	2	2	1	1	1	1	6	7	15	20	****	29	26	21	13	3	0	0	0	0	0	7
9	0	0	0	0	0	0	0	0	6	13	21	32	48	45	34	24	14	15	10	7	7	5	7	11	12
10	15	15	15	11	10	3	1	5	13	23	27	28	28	24	27	25	23	21	10	2	1	1	0	0	14
11	0	1	2	0	0	3	1	5	16	28	39	44	44	28	43	40	41	38	23	11	17	10	9	2	19
12	1	2	4	12	16	6	1	2	8	14	12	13	9	5	11	6	3	2	1	1	0	0	1	0	5
13	9	11	14	16	16	15	11	11	11	11	12	14	13	17	14	6	4	20	32	26	9	6	5	1	13
14	0	0	0	0	0	0	0	1	2	12	24	27	36	20	14	12	11	5	4	3	5	5	3	4	8
15	8	9	7	8	5	1	0	-	4	8	15	19	30	33	29	28	28	18	4	0	0	0	0	0	11
16	0	1	0	0	0	0	1	8	8	8	11	16	16	****	18	28	30	28	17	3	11	15	13	23	11
17	32	31	29	30	28	21	14	20	30	21	22	22	26	25	28	28	25	24	14	13	5	1	1	1	20
18	1	1	1	1	2	1	1	1	12	21	25	25	34	37	42	35	27	20	3	1	1	1	1	4	12
19	6	1	1	1	2	1	1	2	12	25	30	31	35	38	47	62	65	41	14	2	1	1	4	12	18
20	26	12	12	4	3	1	3	9	16	25	36	44	48	60	51	51	46	44	34	18	11	4	17	14	25
21	10	6	3	2	4	18	17	27	28	25	23	14	19	31	43	51	56	56	51	39	26	41	34	33	27
22	34	33	32	31	28	22	5	2	8	12	12	19	29	28	20	7	2	5	14	19	3	10	13	14	17
23	14	30	24	21	16	6	0	2	9	12	11	11	12	14	16	17	16	12	6	3	2	0	0	0	11
24	0	0	0	0	1	1	0	2	6	12	16	13	26	23	23	22	19	17	3	1	2	7	0	0	8
25	0	1	4	6	0	0	0	0	6	6	11	15	8	****	5	3	7	5	9	5	2	0	0	0	4
26	0	12	18	22	20	16	5	4	10	13	15	16	19	15	14	16	13	11	7	5	5	5	5	0	11
27	0	0	0	0	0	0	0	4	11	16	17	19	23	20	20	20	20	20	16	10	6	5	3	0	10
28	0	0	0	1	1	1	2	8	13	17	20	26	31	31	32	32	31	23	8	0	0	0	0	0	12
29	4	9	12	13	10	4	0	0	4	10	22	26	28	****	38	29	25	23	6	0	0	0	0	0	11
30	0	0	0	0	0	0	0	0	1	7	11	18	31	36	27	28	24	12	0	1	4	2	3	11	9
MEAN	9	9	9	9	8	6	4	7	12	18	22	24	30	30	31	29	27	25	16	7	5	5	5	6	14.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	0	0	0	0	0	0	1	4	12	18	24	32	31	36	****	****	46	41	40	43	40	39	23	20
2	28	39	38	34	30	20	17	4	7	12	15	22	28	16	11	9	2	0	0	0	0	0	0	0	14
3	0	0	0	0	0	0	0	0	2	5	7	****	13	17	6	3	2	4	0	1	8	3	0	0	3
4	0	0	0	0	0	0	0	6	5	9	6	11	10	14	12	8	7	2	2	4	5	3	5	3	5
5	3	7	11	10	11	9	3	6	11	13	13	16	16	13	9	6	5	2	0	0	0	0	0	0	7
6	0	0	0	0	1	1	0	1	3	4	4	6	4	****	5	5	5	3	2	4	18	17	8	0	4
7	0	0	0	0	0	0	0	0	2	5	20	21	26	33	36	31	27	6	1	0	0	0	0	1	9
8	1	1	1	1	1	6	2	7	17	25	32	36	43	48	47	39	31	16	6	9	10	3	5	6	16
9	16	17	14	7	1	0	0	0	11	17	19	22	29	27	27	25	12	4	0	0	0	0	0	0	10
10	0	0	0	0	0	0	0	0	18	26	25	27	30	26	26	23	22	17	6	9	1	0	0	0	11
11	0	0	0	0	0	0	0	1	3	3	3	6	5	11	9	5	2	1	1	0	0	0	0	0	2
12	1	2	10	12	13	16	18	18	17	16	17	16	17	18	20	22	22	17	15	14	10	10	5	2	14
13	0	4	9	12	15	17	13	14	18	22	24	25	26	25	25	23	21	15	9	9	3	0	0	0	11
14	12	14	9	0	0	0	0	0	9	15	17	16	19	13	4	2	1	0	0	0	0	0	0	0	5
15	0	1	7	10	7	2	0	0	2	9	12	15	17	18	16	13	9	2	3	2	1	0	0	0	6
16	0	0	0	6	6	1	0	0	0	2	3	1	0	1	1	1	0	0	0	0	1	2	1	2	1
17	5	6	5	6	4	0	0	0	2	6	13	18	21	19	6	9	11	15	10	12	19	17	20	21	10
18	18	16	13	9	6	5	4	10	17	20	26	30	33	30	26	24	16	8	1	4	21	23	16	10	16
19	12	15	17	19	18	19	18	15	13	11	14	12	16	18	19	10	3	4	1	0	0	1	6	22	12
20	26	25	26	26	22	13	0	0	3	8	19	22	21	16	18	6	2	1	2	1	2	3	4	0	11
21	5	2	3	7	7	1	0	0	1	4	5	12	10	12	14	18	16	10	6	14	10	3	4	7	7
22	15	13	16	17	8	1	1	4	13	16	20	21	22	****	15	10	10	7	4	0	0	0	0	0	9
23	****	****	****	****	****	****	****	****	5	15	18	18	12	11	12	14	14	5	0	0	****	14	17	18	******
24	22	21	21	23	22	16	12	15	17	21	21	22	18	18	19	18	14	8	8	7	12	16	16	15	17
25	17	18	20	19	16	16	12	7	7	10	13	10	7	7	9	5	2	4	6	8	10	10	10	15	11
26	19	18	18	20	21	22	21	17	17	17	20	21	24	24	23	24	21	19	16	17	15	16	17	20	20
27	25	26	25	21	20	21	19	11	11	18	17	20	20	****	20	18	11	3	0	0	0	0	0	0	13
28	0	0	0	0	2	4	0	0	6	12	24	28	26	24	32	24	22	15	13	12	15	15	12	17	13
29	13	14	17	28	26	23	10	7	11	12	19	25	26	25	24	20	7	1	0	0	2	0	0	0	13
30	5	9	8	9	11	12	7	3	3	8	23	26	28	22	****	15	10	7	8	7	15	17	18	13	12
31	14	13	11	9	10	10	5	4	5	8	13	20	24	25	26	25	15	5	2	7	6	3	20	21	13
MEAN	9	9	10	10	9	8	5	5	8	12	16	19	20	20	18	15	11	8	5	6	8	7	7	7	10.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	22	25	27	23	22	18	16	16	24	25	23	23	23	23	20	17	15	13	15	14	13	15	20
2	7	14	13	18	20	14	7	6	17	24	26	29	32	31	29	26	21	7	0	0	0	0	0	0	14
3	0	0	0	0	6	8	1	2	10	12	14	12	12	7	4	2	1	0	0	0	0	7	9	16	5
4	21	25	32	36	32	32	29	16	13	19	****	22	13	9	6	7	4	1	4	6	10	12	9	12	16
5	16	16	18	16	16	18	14	9	7	14	22	22	23	22	22	21	16	6	6	4	0	1	1	2	13
6	1	1	5	6	3	2	2	0	1	5	6	7	9	11	12	9	6	6	7	8	9	9	2	2	5
7	3	3	7	5	3	3	0	0	1	3	6	8	10	2	3	****	0	0	0	0	3	10	11	11	4
8	14	13	13	17	20	23	24	20	19	17	20	22	22	19	22	22	9	5	1	1	9	23	21	14	16
9	10	9	8	9	10	8	5	2	1	1	9	14	21	19	16	14	12	9	4	3	4	12	11	19	10
10	24	26	26	25	25	24	21	16	14	19	25	24	27	27	27	25	20	21	23	25	24	21	21	21	23
11	23	24	25	27	25	27	28	16	13	22	29	27	29	29	26	17	17	15	19	23	23	21	23	24	23
12	27	28	29	30	29	27	19	10	11	23	29	29	29	28	28	24	9	1	0	0	0	0	0	0	17
13	0	0	0	0	0	0	1	1	2	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	2	2	1	4	3	10	12	15	19	17	13	10	6	6	4	2	6	2	1	6
15	0	2	0	0	0	0	0	0	3	5	10	10	10	15	16	15	10	7	5	9	4	5	5	5	6
16	5	3	1	0	0	0	0	0	5	18	21	26	25	28	26	24	11	0	0	0	0	0	0	0	8
17	0	0	0	0	0	0	0	0	0	11	17	15	17	16	15	10	1	1	1	2	4	6	4	6	5
18	4	6	14	17	18	21	17	4	2	9	11	****	****	18	18	17	7	2	3	11	16	16	16	16	12
19	16	15	13	11	7	8	6	2	2	6	10	11	5	3	3	2	0	0	0	0	0	1	0	0	5
20	0	0	0	0	0	0	0	0	2	4	6	8	9	9	9	****	3	0	0	0	1	3	5	0	3
21	2	4	3	3	0	0	0	0	0	1	3	7	6	6	6	6	5	5	4	3	6	7	11	14	4
22	15	15	20	26	22	13	0	0	3	8	12	12	12	12	12	11	2	0	0	0	0	0	0	0	8
23	0	0	0	0	0	0	0	2	4	5	5	5	7	7	5	4	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	10	12	1
25	18	20	22	23	23	23	20	9	6	12	16	18	20	20	23	23	21	14	10	5	0	0	0	0	14
26	0	0	0	0	0	0	0	0	0	2	5	17	20	20	20	8	1	0	0	0	0	0	0	0	4
27	0	0	0	0	1	3	4	7	6	6	7	****	19	18	19	19	12	11	10	13	11	8	6	9	8
28	14	16	22	21	20	15	7	5	7	7	7	5	0	0	0	0	0	0	0	0	0	0	0	0	6
29	0	0	0	0	2	9	11	10	12	16	18	17	16	24	25	23	15	9	9	4	10	11	14	14	11
30	13	13	9	8	7	9	11	11	17	18	21	23	19	14	9	9	7	5	5	0	2	3	0	0	10
MEAN	8	9	10	11	11	10	8	6	7	10	13	15	16	16	15	13	8	5	4	5	5	7	6	7	9.3

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	2	11	10	****	6	4	0	0	0	0	0	0	0	0	1
2	0	9	13	8	6	5	0	0	0	0	0	5	5	5	8	6	0	3	5	5	12	21	21	26	7
3	30	33	33	34	34	34	30	26	25	24	25	27	30	30	30	26	21	17	15	17	17	16	0	1	24
4	3	5	11	11	11	10	5	5	0	1	4	12	10	10	****	6	6	6	****	****	****	****	****	****	7
5													- DATA INVALID -												
6	****	****	****	****	****	****	****	****	0	1	1	1	10	7	9	6	6	6	4	3	2	0	0	0	4
7	0	0	0	4	5	5	6	4	4	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	2	9	13	13	16	3
9	13	19	21	19	19	16	11	3	7	8	13	13	10	6	8	5	4	0	0	0	0	0	0	0	8
10	0	0	0	1	2	8	4	1	1	5	8	12	18	17	8	9	4	3	15	18	18	13	11	11	8
11	17	14	14	13	9	1	0	0	0	8	14	14	17	****	17	11	7	1	0	2	2	1	0	0	7
12	0	4	5	4	8	3	1	1	1	2	5	6	3	0	0	0	1	1	1	1	1	1	1	2	2
13	3	3	0	0	14	14	14	14	14	14	16	22	25	25	25	25	23	21	3	0	0	0	0	0	12
14	6	5	6	8	12	13	17	16	21	23	25	25	26	26	26	26	23	14	11	6	3	0	0	2	14
15	2	6	10	15	11	5	1	0	2	7	7	4	0	1	****	0	0	0	0	0	0	0	0	0	3
16	0	0	2	0	0	0	0	0	0	1	2	6	9	9	9	5	0	0	0	0	0	9	13	18	3
17	18	15	15	15	15	15	0	0	0	4	5	5	7	8	8	8	3	0	3	6	4	2	4	8	7
18	7	4	4	2	0	0	2	9	11	17	21	25	25	****	****	18	9	10	9	9	12	18	18	15	11
19	18	15	16	25	26	26	25	21	10	15	16	24	25	25	24	20	7	0	0	0	0	0	3	3	14
20	0	0	0	5	14	12	4	0	0	0	4	15	18	18	18	23	20	7	0	0	0	0	4	9	7
21	7	11	12	12	14	14	14	12	14	14	18	19	22	22	23	23	18	6	6	2	2	0	0	0	12
22	0	0	0	0	0	0	0	0	0	0	0	1	2	4	****	1	0	2	5	2	2	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	2	8	12	15	2
24	0	0	0	0	0	0	0	0	2	9	14	17	19	20	20	17	17	15	15	15	16	17	16	16	10
25	17	17	15	12	11	6	1	0	4	9	9	12	12	4	1	4	4	0	0	0	0	5	4	4	6
26	0	5	12	12	10	10	10	0	0	3	4	4	8	6	3	3	1	0	0	0	0	0	0	0	4
27	0	0	0	0	0	0	0	0	0	4	5	5	1	1	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	3	5	8	4	2	2	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	2	0
30	12	16	18	18	18	18	10	3	5	9	12	13	14	14	14	12	6	0	0	0	0	0	0	0	9
31	3	4	5	6	10	10	3	0	0	7	10	12	12	12	12	9	0	0	0	2	2	5	8	8	6
MEAN	6	6	7	8	9	8	5	4	4	6	8	11	12	11	11	9	6	3	3	3	4	5	5	6	6.6

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	8.4	20	28
FEB	27	12.1	21	34
MAR	31	16.8	31	57
APR	29	16.8	28	48
MAY	29	23.9	36	114
JUN	29	23.3	49	125
JUL	31	27.4	50	108
AUG	31	25.3	50	96
SEP	30	14.5	32	76
OCT	30	10.6	20	48
NOV	30	9.3	23	36
DEC	30	6.6	24	34
YEAR	355	16.3	50	125

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	405	253	0	0	0	0	0	0	658
FEB	299	328	6	0	0	0	0	0	633
MAR	228	401	74	2	0	0	0	0	705
APR	247	325	115	0	0	0	0	0	687
MAY	178	288	175	43	4	2	0	0	690
JUN	212	281	104	48	17	9	1	0	672
JUL	227	208	166	116	13	2	0	0	732
AUG	220	238	168	82	12	0	0	0	720
SEP	346	248	101	16	0	0	0	0	711
OCT	400	304	24	0	0	0	0	0	728
NOV	433	274	6	0	0	0	0	0	713
DEC	504	186	5	0	0	0	0	0	695
YEAR	3699	3334	944	307	46	13	1	0	8344

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.0	0	0.0	3.8	12.3	21.5	36.2	47.5	63.0	75.1	125	16.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0
4	0	0	0	0	1	0	0	0	0	0	1	1	0	****	7	0	0	0	0	0	0	0	0	0	0
5	2	0	5	6	7	1	0	0	5	9	11	14	12	14	15	13	5	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	11	14	13	8	0	0	0	2	7	0	0	2
7	0	5	7	8	7	5	11	9	12	12	11	12	9	9	9	9	6	6	7	8	9	9	14	13	9
8	12	12	15	14	14	13	12	5	0	11	13	15	17	****	12	12	9	7	6	5	9	13	13	13	11
9	12	13	8	4	7	7	6	1	1	1	6	11	13	14	15	13	8	5	1	1	1	1	1	1	6
10	1	1	1	1	1	1	1	1	1	1	1	4	5	6	6	4	0	0	0	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	2	6	9	8	****	1	2	0	9	9	11	14	18	17	14	5
12	13	13	14	18	19	19	19	20	20	21	22	24	24	24	24	23	21	16	15	15	17	17	16	12	12
13	12	12	2	0	0	0	0	8	8	12	13	15	11	7	6	8	4	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	4	4	2	4	4	4	4	0	0	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	5	6	****	6	6	0	0	0	0	2	4	0	0	1
16	2	2	5	7	7	4	0	0	0	0	0	0	5	4	4	4	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	4	6	1
19	7	5	7	14	15	18	15	13	6	13	14	13	18	18	15	14	7	8	7	6	11	13	13	17	12
20	19	19	18	20	21	21	20	19	21	24	20	20	24	22	22	19	14	2	2	0	4	9	7	13	16
21	11	11	12	21	19	18	8	0	0	7	17	20	20	18	18	14	9	6	0	0	1	0	0	1	10
22	0	0	0	0	6	6	6	6	0	0	0	0	0	****	****	0	0	0	4	4	7	7	5	5	3
23	5	5	9	12	13	14	13	6	4	12	20	22	25	25	24	21	16	14	13	12	11	14	15	20	14
24	22	20	17	18	19	19	14	6	5	7	13	18	17	20	20	19	25	19	7	0	2	0	0	0	13
25	0	0	0	0	0	1	1	1	1	1	2	5	6	****	7	8	7	0	0	0	0	0	0	5	2
26	4	5	9	15	16	19	19	15	17	20	24	24	21	21	21	17	13	7	8	5	5	5	7	11	14
27	14	13	12	13	17	18	18	18	18	18	20	21	20	20	19	19	13	15	15	18	14	11	12	13	16
28	8	7	6	13	18	19	12	5	6	9	15	21	22	22	22	22	18	8	0	0	2	5	6	7	11
29	9	9	8	8	6	0	0	0	0	5	7	13	19	19	****	13	11	5	0	1	11	17	13	5	8
30	0	0	6	14	19	20	18	11	5	14	19	19	20	20	20	20	13	12	5	8	9	13	12	9	13
31	11	12	13	17	18	18	18	13	11	11	12	17	19	19	16	18	12	13	13	13	18	21	15	18	15
MEAN	5	5	6	7	8	8	7	5	5	7	9	10	11	13	11	10	7	5	4	3	5	6	5	6	7.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	20	21	21	20	13	9	6	17	21	25	26	25	18	17	13	14	8	5	2	7	11	8	15
2	11	11	14	15	17	19	14	12	13	18	21	25	25	25	26	26	21	14	12	12	9	7	4	4	16
3	0	2	8	11	9	9	9	9	11	11	15	14	17	17	17	17	16	12	8	7	12	13	12	9	11
4	15	17	21	20	19	20	15	11	7	12	18	20	24	24	24	21	7	2	2	2	5	6	4	2	13
5	0	1	0	0	0	0	0	0	0	6	11	20	24	22	****	13	13	6	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	6	9	9	7	7	1	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	2	9	18	15	15	17	13	7	0	0	0	1	1	4	4
8	2	5	2	4	5	4	0	0	0	6	13	19	19	19	19	18	9	0	0	0	0	0	0	0	6
9	0	0	0	0	0	6	1	1	1	7	14	21	22	22	21	21	20	12	11	8	13	9	5	5	9
10	1	1	1	1	6	11	8	5	6	12	20	22	24	24	24	24	24	19	8	0	0	6	11	15	11
11	7	8	8	8	8	11	11	6	4	9	13	15	20	21	20	20	17	11	0	7	8	0	0	0	10
12	4	7	9	11	12	6	0	0	0	7	13	21	21	****	17	17	15	12	7	4	0	0	0	0	8
13	0	0	0	0	5	5	0	0	0	0	1	9	9	11	17	18	20	22	20	18	15	13	11	9	8
14	6	6	6	5	0	0	0	0	0	0	11	14	17	20	24	24	18	11	0	0	0	0	0	0	7
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	5	0	0	0	0	2	6	7	2
16	0	0	0	5	8	8	4	2	7	9	9	19	17	22	26	26	22	17	9	7	7	2	2	0	10
17	0	0	0	0	0	0	0	0	4	9	18	20	22	25	25	25	25	24	26	24	22	19	19	18	14
18	15	15	15	15	15	11	8	6	4	12	24	22	22	25	27	25	20	19	20	22	20	14	12	15	17
19	15	15	14	12	9	7	5	0	0	2	7	8	5	****	****	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6	6	8	13	2
22	15	15	18	18	17	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23	0	7	12	15	19	19	14	15	15	19	20	22	20	20	20	13	9	6	0	0	0	0	0	0	11
24	0	0	0	0	0	0	13	9	8	13	17	21	21	22	26	22	19	15	15	15	14	9	4	8	11
25	8	4	9	7	11	11	1	0	7	12	17	18	18	17	17	12	12	8	11	11	13	12	12	12	11
26	12	18	18	17	17	17	12	8	9	14	17	20	19	****	****	20	21	17	15	11	14	12	8	18	15
27	18	20	20	17	14	14	11	4	4	4	11	****	****	20	20	21	20	15	12	12	7	0	7	5	13
28	11	13	17	18	17	17	12	5	12	17	19	21	25	27	26	26	21	17	14	12	11	15	11	12	17
29	13	17	17	17	15	15	14	8	8	20	24	****	****	17	19	24	21	19	13	8	8	7	0	0	14
MEAN	6	7	8	8	8	8	6	4	4	8	12	15	16	17	18	17	14	10	7	7	6	6	5	6	9.2

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	7	14	15	13	13	22	26	25	25	25	28	28	28	26	21	18	9	6	11	12	12	16
2	8	0	0	5	0	0	0	0	6	24	28	30	32	33	33	32	30	24	17	11	13	11	8	0	14
3	0	6	1	1	6	6	0	0	5	9	17	22	22	27	****	25	24	17	20	22	24	19	14	15	13
4	15	15	18	14	12	9	5	0	0	8	8	8	11	15	20	26	21	14	0	12	4	0	0	0	10
5	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	7	14	13	13	19	21	15	14	14	6
6	14	21	22	22	25	22	18	12	12	20	24	26	30	****	31	34	27	22	17	13	11	17	22	20	21
7	15	15	13	13	14	8	5	0	0	7	18	24	21	25	26	25	13	7	0	0	0	0	5	5	11
8	0	0	0	0	5	6	5	1	2	8	12	9	9	9	15	20	18	18	19	17	24	15	7	0	9
9	5	15	27	19	21	27	26	24	26	30	33	34	34	40	47	52	54	48	48	35	26	35	34	32	32
10	25	17	0	21	22	14	9	6	6	14	20	22	32	24	25	22	18	11	17	19	30	30	30	30	19
11	30	30	28	28	28	28	24	18	22	30	30	30	30	0	****	18	18	18	18	19	19	20	20	20	23
12	21	18	21	21	21	17	8	11	17	22	25	27	27	30	25	19	9	0	0	0	0	0	0	0	14
13	11	20	19	21	21	21	11	8	6	11	17	15	11	13	19	15	11	9	12	14	13	11	9	8	14
14	4	5	5	8	7	5	0	0	0	5	14	14	****	****	24	22	22	17	12	17	19	18	18	18	12
15	18	15	18	21	24	22	19	15	18	21	21	25	25	26	26	26	25	19	11	6	7	0	0	0	17
16	0	0	0	0	0	0	17	21	21	21	21	25	25	24	24	24	17	12	7	0	0	0	0	0	11
17	0	0	0	5	4	0	0	0	0	0	0	0	****	7	8	0	0	0	0	0	6	11	14	15	3
18	15	22	24	24	26	25	19	19	22	24	25	26	27	27	31	28	24	27	24	14	6	12	13	0	21
19	0	0	0	0	0	0	0	0	2	14	20	26	25	28	25	18	19	7	0	0	0	0	0	0	8
20	0	0	0	0	0	0	0	0	0	5	14	25	25	25	31	41	46	21	4	0	9	9	0	0	11
21	0	0	0	0	2	7	5	0	0	0	0	0	0	0	2	8	12	13	14	17	13	13	19	19	6
22	19	24	22	21	22	24	24	24	24	21	22	22	26	19	22	21	19	17	17	17	15	13	14	14	20
23	14	14	13	17	14	13	13	13	13	17	20	18	14	14	9	11	14	0	0	0	0	2	2	2	10
24	0	0	2	2	1	1	2	5	0	5	12	14	18	13	6	7	6	0	0	0	0	0	5	8	4
25	12	18	22	17	14	13	11	8	11	14	13	17	15	****	12	12	7	5	8	6	4	0	0	0	10
26	7	14	14	14	14	17	9	8	13	15	18	22	26	32	32	28	11	0	0	0	0	0	2	2	12
27	2	4	1	1	1	0	0	0	0	2	13	21	21	26	26	26	19	12	7	0	0	0	5	12	8
28	7	1	0	0	0	0	0	0	0	4	13	8	8	8	8	0	0	0	0	0	0	0	0	0	2
29	0	0	0	8	20	19	17	17	15	11	14	13	15	26	21	15	17	18	14	0	0	0	0	6	11
30	6	4	8	13	13	12	8	13	20	26	32	32	28	26	25	25	25	20	9	7	13	18	18	22	18
31	21	24	24	26	26	25	17	11	7	11	11	11	11	12	12	7	6	6	5	4	0	0	0	0	12
MEAN	9	10	10	11	12	11	9	8	9	14	17	19	20	20	21	21	18	13	11	9	9	9	9	9	12.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	4	4	0	0	0	5	11	11	13	****	****	21	17	9	0	0	7	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	7	18	30	37	37	37	15	26	9	7	7	7	2	0	10
3	7	7	7	0	0	0	0	0	11	28	28	28	30	25	19	12	5	5	0	7	13	15	19	19	12
4	19	17	15	18	20	14	9	7	14	15	6	12	11	7	6	12	17	19	20	19	19	19	19	18	15
5	17	21	22	21	19	19	19	21	24	25	25	27	31	30	32	30	31	27	17	6	5	0	0	4	20
6	9	6	5	9	9	8	6	19	24	28	28	28	28	28	28	30	28	27	22	19	19	18	17	18	19
7	17	15	19	11	7	0	0	0	0	6	8	8	8	15	19	14	0	0	0	9	15	7	4	4	8
8	8	17	15	11	11	9	5	1	6	18	22	22	24	****	19	11	5	1	8	13	12	9	9	9	12
9	11	8	19	17	9	0	0	0	0	4	4	19	15	18	21	24	14	0	1	0	7	7	12	1	9
10	6	13	18	21	20	18	17	12	12	12	7	9	9	9	9	9	13	8	1	4	7	5	5	6	10
11	5	4	7	7	6	6	4	0	0	0	7	7	11	13	13	12	13	13	22	17	12	12	9	9	9
12	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	15	21	28	25	19	19	19	15	13	7
13	12	18	24	25	21	20	18	19	21	21	21	24	20	20	20	20	20	14	11	6	6	6	0	0	16
14	0	0	0	5	7	9	7	5	2	1	4	7	7	8	11	11	6	5	4	0	0	0	0	17	5
15	17	17	17	17	17	17	17	8	8	14	19	15	14	****	****	7	6	0	0	0	0	0	7	11	10
16	11	12	14	18	20	22	20	15	24	24	28	28	28	26	26	26	26	25	20	18	12	2	4	0	19
17	0	0	0	0	0	0	0	9	15	17	14	28	26	****	32	35	31	26	21	12	13	13	13	13	14
18	13	8	8	11	12	0	0	8	20	30	34	39	39	38	33	41	31	22	20	11	12	6	5	0	18
19	0	0	8	0	0	0	0	11	8	11	18	21	22	31	27	22	14	0	0	0	0	0	0	40	10
20	51	39	39	45	45	37	22	19	30	46	46	43	43	43	40	40	35	33	17	11	7	7	5	5	31
21	9	0	0	0	0	0	0	6	14	25	31	30	30	31	31	30	25	21	14	7	7	0	0	0	13
22	0	0	0	0	0	0	9	14	18	24	25	24	30	****	21	18	14	12	7	0	6	5	8	11	11
23	18	18	18	18	14	14	12	8	13	17	21	18	18	17	20	25	15	14	14	8	7	8	14	6	15
24	5	6	5	7	7	0	5	11	15	15	21	21	30	28	****	24	15	6	1	5	4	0	0	0	10
25	0	0	4	6	5	4	1	0	0	12	20	22	18	17	12	6	6	17	12	4	0	0	0	0	7
26	0	0	0	0	0	4	6	8	11	17	26	30	30	25	20	15	14	7	0	0	0	0	0	0	9
27	0	0	0	0	4	4	0	0	0	9	26	34	33	28	30	27	22	17	12	6	25	25	27	33	15
28	32	32	32	27	20	14	12	9	13	13	11	9	9	9	12	8	6	13	13	14	14	12	13	15	15
29	12	14	13	13	13	6	0	0	0	9	8	9	****	7	8	7	8	8	8	0	0	0	0	0	6
30	0	0	0	0	0	0	0	0	0	0	0	5	7	0	14	9	13	7	0	0	0	0	0	0	4
MEAN	9	9	10	10	10	8	6	7	10	15	18	20	21	20	21	20	16	14	10	7	9	7	7	8	12.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	8	11	11	5	0	0	0	2	9	20	27	27	****	28	11	14	14	5	5	0	0	0	0	9
2	6	12	12	11	7	0	0	4	13	19	24	34	24	11	8	22	24	21	0	0	0	0	0	0	11
3	0	0	0	0	0	0	8	14	25	30	34	40	38	34	38	37	34	28	21	19	8	13	15	14	19
4	11	11	5	0	0	0	6	14	24	25	34	38	33	38	34	32	30	26	14	0	8	14	15	20	18
5	22	25	20	9	5	0	0	11	17	31	43	44	47	47	45	43	43	38	34	31	25	21	17	15	26
6	18	11	11	14	13	8	6	6	14	21	22	****	****	27	26	22	19	19	19	11	6	9	12	7	15
7	11	5	8	18	25	12	5	14	18	20	14	14	14	14	13	11	8	9	8	8	9	6	0	0	11
8	4	6	11	8	8	6	0	6	13	14	15	15	12	14	14	14	14	14	14	13	13	8	5	4	10
9	5	6	15	15	14	9	0	11	14	19	22	22	19	20	20	19	17	18	17	14	8	6	5	0	13
10	2	5	4	0	0	0	0	7	20	26	21	25	31	38	40	40	40	21	14	27	21	13	15	6	17
11	0	8	12	22	28	34	30	34	40	43	44	41	34	31	33	33	32	28	22	15	0	0	0	0	24
12	0	0	0	0	0	0	0	6	19	21	21	25	25	27	19	7	7	6	9	6	6	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	13	13	13	14	8	5	0	0	0	0	0	2	0	3
14	0	12	12	14	24	15	8	12	15	19	20	24	****	13	11	11	15	19	15	4	4	4	0	0	12
15	0	8	7	0	0	0	0	12	18	18	18	21	21	20	24	24	24	24	20	0	0	0	0	0	11
16	0	0	0	0	0	0	0	0	7	18	30	30	****	34	33	27	24	19	27	15	4	0	0	0	12
17	0	0	0	0	0	0	0	5	22	22	27	32	35	45	44	44	40	33	13	17	32	35	40	44	22
18	38	41	40	41	40	35	32	26	21	17	9	8	22	35	39	35	35	32	30	22	15	4	11	26	27
19	22	28	30	31	31	27	25	28	27	27	32	30	32	32	32	39	44	40	30	11	6	6	0	1	26
20	9	7	0	0	0	0	0	0	7	8	13	18	24	22	22	19	20	19	12	0	0	0	0	0	8
21	0	0	0	0	0	0	0	0	0	13	24	13	****	43	43	47	27	21	25	25	15	11	0	5	14
22	14	28	31	21	14	1	6	19	35	43	50	54	60	59	57	59	58	56	48	34	0	2	0	0	31
23	0	1	0	0	0	0	0	2	13	39	65	82	99	****	87	100	95	80	37	12	4	13	8	4	32
24	8	22	14	24	27	20	11	19	19	30	44	50	59	59	54	47	41	40	34	27	24	32	32	25	32
25	20	21	20	15	14	8	11	18	22	26	32	33	34	35	37	39	35	27	21	13	8	4	2	3	21
26	15	17	14	14	9	1	2	11	14	19	25	27	32	32	31	27	26	22	17	15	5	6	7	15	17
27	21	21	18	19	18	8	0	4	7	18	20	21	****	17	9	5	13	7	4	0	1	0	0	6	10
28	2	5	1	6	5	1	0	0	0	0	8	13	19	9	5	5	17	19	19	0	0	0	0	0	6
29	0	0	0	0	0	0	0	0	11	18	24	32	27	32	33	22	15	17	18	19	20	21	25	20	15
30	22	20	19	8	0	0	0	0	7	18	22	31	****	56	54	54	51	48	35	19	28	31	26	32	25
31	25	15	19	25	22	18	19	24	37	38	40	47	43	32	28	22	15	14	13	11	4	1	2	4	22
MEAN	9	11	11	11	10	7	5	10	16	22	26	30	33	31	31	30	28	25	19	13	9	8	8	8	16.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	8	9	9	12	14	15	18	18	18	21	15	14	5	6	6	0	0	0	0	4	6	9
2	8	4	11	15	12	2	0	0	0	0	2	7	16	22	33	43	30	37	30	24	11	1	0	6	14
3	4	6	8	6	2	0	0	0	0	7	19	24	****	22	27	27	22	19	17	8	1	4	5	7	10
4	7	12	12	11	8	0	4	12	14	19	21	24	28	28	27	27	28	28	22	12	0	0	0	0	14
5	0	0	0	0	0	2	2	2	9	15	20	21	30	22	15	30	28	45	44	13	0	0	0	6	13
6	18	18	6	7	9	9	0	0	0	0	0	0	****	9	9	1	1	0	0	0	2	2	6	9	5
7	20	24	28	30	27	19	19	22	25	27	28	33	45	40	34	17	27	27	30	25	20	11	2	0	24
8	4	13	28	31	25	14	9	6	6	9	15	12	11	7	11	14	21	22	18	13	7	1	0	0	12
9	0	0	2	0	0	0	0	0	0	9	13	20	25	24	24	22	21	21	20	15	1	0	0	0	9
10	0	1	0	2	0	0	0	0	1	4	9	****	****	27	27	25	21	19	18	15	13	8	9	12	10
11	19	19	17	7	2	0	1	8	19	28	30	32	24	20	19	19	24	25	20	18	1	0	0	0	15
12	0	0	0	0	0	0	0	6	11	15	26	26	33	31	28	32	41	47	46	30	5	0	0	11	16
13	12	0	0	8	11	12	1	9	21	25	41	50	69	72	77	76	77	72	73	66	40	6	0	0	34
14	0	0	0	0	0	0	5	18	34	53	53	73	82	89	64	60	65	64	43	25	19	17	0	0	32
15	0	8	12	0	1	18	7	1	11	30	31	33	17	4	4	5	6	5	6	2	4	1	0	0	9
16	7	5	1	1	2	1	0	0	1	2	11	15	27	27	27	24	20	21	20	13	2	0	0	0	9
17	0	0	0	0	0	0	0	0	11	17	14	24	****	34	38	41	37	22	17	11	9	35	39	38	17
18	35	34	30	27	26	18	9	9	20	34	41	50	37	32	30	11	11	24	31	26	14	12	0	0	23
19	0	0	0	0	0	0	0	5	12	18	15	28	41	34	37	45	45	39	31	17	27	14	12	22	18
20	14	22	22	20	18	19	17	12	14	26	27	26	26	22	18	11	9	9	8	8	0	0	0	0	15
21	0	0	0	0	0	0	7	12	14	20	27	28	34	32	31	31	31	25	25	1	0	0	0	0	13
22	0	0	0	0	0	0	0	0	8	15	38	47	50	50	57	60	64	63	60	52	21	28	43	38	29
23	14	0	0	0	0	0	0	27	39	40	38	50	85	92	97	89	86	84	79	58	51	60	21	0	42
24	0	0	0	0	0	0	0	14	44	83	87	97	97	126	****	118	129	128	110	79	46	30	59	33	56
25	19	15	15	15	1	0	0	2	13	47	63	89	106	103	97	100	98	76	54	47	38	27	26	18	45
26	32	33	37	41	48	48	43	31	43	51	53	****	73	72	70	63	56	47	28	33	18	25	24	1	42
27	0	0	9	14	17	11	1	1	4	5	9	15	22	24	26	25	22	21	12	9	1	0	0	0	10
28	0	0	1	2	6	12	11	8	1	5	5	2	7	8	19	17	17	18	19	17	11	4	1	9	8
29	17	6	7	9	5	1	2	5	7	8	12	15	24	31	27	28	31	28	21	4	6	4	8	14	13
30	19	13	13	15	13	12	4	8	14	17	20	27	33	33	31	32	21	19	19	18	9	1	0	1	16
MEAN	9	8	9	9	8	7	5	8	14	22	26	32	41	38	35	37	37	35	31	22	13	10	9	8	19.4

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	11	24	32	34	40	40	47	51	54	71	71	60	15	22	22	25	26
2	26	43	56	44	32	6	9	15	19	27	30	32	38	38	39	37	35	31	25	13	6	0	0	0	25
3	0	0	0	0	0	0	0	0	2	11	22	33	41	****	44	44	44	28	7	1	0	0	0	0	12
4	0	0	0	5	5	0	0	2	6	25	31	35	54	57	35	43	46	40	30	19	18	2	0	0	19
5	0	0	0	0	2	2	1	1	8	17	22	25	33	33	38	40	35	31	30	21	15	14	17	15	17
6	17	15	14	14	13	12	9	11	12	14	14	18	19	19	19	19	19	17	14	7	0	0	0	0	12
7	0	0	0	0	0	0	0	0	0	1	5	9	19	17	17	15	18	14	18	18	24	25	13	7	9
8	9	2	1	4	4	2	2	2	12	18	22	32	37	38	30	30	28	30	20	14	1	0	0	0	14
9	0	0	4	0	0	0	0	0	2	2	14	25	32	25	28	27	****	****	****	****	****	****	****	****	10
10	****	****	****	****	****	****	****	****	****	****	****	56	73	83	90	89	72	78	67	45	14	20	22	27	******
11	41	39	37	39	40	28	20	11	11	21	37	46	45	45	45	43	41	35	21	14	5	2	0	1	28
12	0	0	0	0	0	0	0	7	14	20	22	24	32	32	32	32	27	20	14	12	3	1	1	1	12
13	0	6	8	11	7	1	4	8	13	21	30	32	34	35	51	53	58	52	52	22	0	0	0	0	21
14	0	0	0	0	0	0	0	0	8	30	40	50	60	64	69	70	70	51	24	40	21	1	5	18	26
15	21	30	34	46	53	43	15	0	0	1	14	30	54	78	84	71	37	31	31	25	27	22	8	26	33
16	20	13	20	26	26	9	4	17	22	28	****	35	44	34	39	50	48	57	60	45	38	8	15	30	30
17	0	0	5	8	14	12	15	34	38	43	44	43	45	39	35	33	35	38	33	27	13	7	2	0	23
18	0	4	6	7	2	0	0	0	6	18	21	28	45	13	14	13	15	32	27	6	9	20	12	2	13
19	0	14	14	13	8	7	11	18	25	37	45	57	86	85	86	92	80	79	82	74	56	14	1	0	41
20	0	0	0	0	7	1	0	6	15	22	27	40	58	60	73	77	63	51	41	35	11	0	17	60	28
21	58	52	52	45	48	41	20	22	34	43	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25	****	****	****	****	****	****	****	****	****	****	****	70	75	75	77	79	81	84	72	55	55	51	30	21	******
26	4	1	7	9	10	0	5	23	35	29	45	31	38	24	22	18	23	5	3	0	0	0	5	6	14
27	0	0	0	0	0	7	17	30	38	41	55	59	71	85	75	70	70	80	67	36	61	56	26	38	41
28	57	53	47	39	46	38	14	4	10	10	14	5	7	13	24	26	28	40	27	22	15	48	48	35	28
29	22	21	7	8	12	15	5	20	39	46	52	59	70	81	72	66	48	30	2	1	0	0	0	0	28
30	0	0	0	0	2	2	5	13	24	29	34	35	39	37	32	30	26	27	13	1	0	0	0	0	15
31	0	0	0	0	0	0	1	7	14	23	31	31	38	41	26	40	56	61	32	6	34	32	22	11	21
MEAN	11	11	12	12	13	9	6	10	16	23	29	36	45	46	46	47	45	43	34	24	17	13	10	12	23.8

PERCENTAGE OF DATA VALID - 84.1 PERCENTAGE OF DATA INVALID - 15.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	0	0	0	0	0	0	5	21	60	67	****	62	62	60	56	51	46	38	29	39	37	25	29
2	29	36	37	32	20	9	8	22	30	41	54	55	66	70	72	63	58	55	50	42	36	42	35	11	41
3	11	8	11	8	9	9	7	17	40	47	55	64	68	73	76	76	72	44	36	20	6	4	3	3	32
4	3	3	3	3	3	3	6	9	25	30	38	40	42	42	43	42	42	40	27	17	8	20	22	24	22
5	29	17	2	2	2	1	2	2	6	11	19	30	60	65	65	62	65	70	71	53	53	46	35	36	34
6	40	40	35	27	34	30	23	25	43	55	57	4	60	64	57	52	44	32	18	3	0	0	2	14	32
7	2	7	7	7	12	6	3	20	30	39	55	69	84	76	66	63	62	65	56	44	37	12	0	0	34
8	0	0	8	9	9	5	18	45	50	54	58	56	54	49	21	45	67	67	66	59	51	46	41	37	38
9	25	24	33	34	34	26	22	26	32	35	39	40	43	42	39	38	34	28	22	19	7	2	5	7	27
10	9	6	5	3	1	0	2	6	17	30	32	26	25	29	29	26	25	17	7	2	1	0	0	0	12
11	0	0	0	0	0	0	0	0	5	24	27	30	35	37	36	37	34	11	9	10	10	8	1	5	12
12	13	16	22	25	16	1	0	9	22	27	34	37	****	30	28	26	23	19	13	5	5	0	0	0	16
13	0	0	1	0	0	0	0	3	11	17	24	28	29	****	38	32	26	****	13	4	0	0	0	0	10
14	0	0	0	1	7	1	1	8	19	33	42	33	33	42	49	47	41	38	26	6	0	0	1	1	18
15	4	10	12	15	9	1	2	8	****	****	****	16	15	16	16	16	16	14	12	7	1	4	3	1	9
16	1	4	10	11	12	6	7	12	13	15	17	20	23	25	26	26	25	21	15	5	4	3	1	0	13
17	0	0	0	0	0	0	0	0	5	13	21	24	28	30	31	27	21	15	8	7	7	11	16	8	11
18	5	6	2	9	12	7	0	0	5	9	12	9	****	7	12	17	13	7	8	1	0	0	0	0	6
19	0	0	0	0	7	2	****	2	18	35	40	40	42	40	37	36	40	50	39	7	0	0	0	0	19
20	0	0	0	0	0	0	0	2	20	29	34	39	45	59	45	40	31	32	30	25	19	29	26	28	22
21	34	30	-	****	16	6	6	10	23	32	41	41	****	56	54	48	38	36	32	32	27	21	11	20	29
22	24	26	25	23	19	8	2	3	8	13	17	10	19	21	26	24	25	18	4	1	0	0	0	0	13
23	0	2	8	11	27	23	14	23	27	27	32	39	45	46	41	40	53	67	25	9	5	4	2	1	24
24	2	0	1	9	11	8	7	9	10	19	25	33	31	31	39	43	31	25	11	1	0	0	0	0	14
25	0	0	0	0	0	0	0	1	4	24	44	45	52	79	83	74	76	70	56	55	39	10	14	20	31
26	12	18	21	17	6	1	2	-	15	24	46	****	****	78	79	76	75	70	70	62	56	46	41	43	41
27	49	52	49	48	43	17	10	18	34	51	69	76	76	73	76	73	68	63	36	15	14	23	19	21	45
28	19	16	9	13	14	7	2	1	1	2	2	2	4	4	6	7	8	4	11	6	9	11	10	2	7
29	1	1	6	9	9	1	1	5	35	46	46	42	****	26	27	21	14	6	2	5	0	0	0	0	13
30	0	0	0	0	0	0	0	1	4	7	42	28	29	37	42	44	44	37	40	32	24	38	46	47	23
31	47	38	31	34	26	28	25	37	36	31	37	43	49	56	54	46	33	41	43	44	26	7	34	30	37
MEAN	12	12	11	12	12	7	6	11	20	28	37	36	42	46	44	43	41	37	29	21	15	14	13	12	23.1

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	33	39	39	35	34	34	31	29	32	33	31	33	30	34	48	52	49	28	12	25	33	21	22	33
2	28	29	27	27	23	16	1	2	4	8	3	12	23	25	29	23	30	27	22	18	16	6	3	7	17
3	7	12	12	8	2	1	1	4	16	27	31	33	35	****	****	51	47	40	23	0	2	3	0	0	16
4	0	0	0	0	0	0	0	4	15	19	14	16	23	50	56	51	28	50	44	-	7	13	30	32	20
5	31	26	22	17	13	4	6	9	22	28	32	35	36	32	31	30	28	23	10	0	0	1	12	10	19
6	12	5	10	12	11	5	2	12	25	28	31	32	30	27	25	23	22	16	6	0	0	0	0	0	14
7	0	0	1	5	9	4	2	8	16	19	24	26	27	29	30	32	29	23	8	1	0	0	0	0	12
8	0	0	0	0	0	0	0	0	1	3	2	6	17	24	18	4	9	12	4	0	2	2	0	0	4
9	0	0	0	0	0	1	2	3	12	21	34	39	47	48	43	18	10	9	6	6	6	3	0	0	13
10	3	9	9	7	5	0	0	4	14	17	20	22	****	****	24	22	22	16	7	0	2	5	2	1	10
11	5	9	10	12	12	1	1	10	19	26	34	37	35	36	36	35	32	30	22	19	13	4	0	8	19
12	1	0	6	7	6	4	1	1	6	8	10	10	****	6	4	2	1	1	0	0	0	0	0	0	3
13	4	6	8	10	10	6	3	2	2	4	5	6	4	6	5	1	0	11	14	16	5	2	2	0	0
14	0	0	0	0	0	0	1	6	10	17	21	20	25	23	14	9	9	4	4	4	3	4	4	4	8
15	4	5	5	5	4	1	0	-	4	7	12	17	21	15	14	17	20	16	7	0	0	0	0	1	8
16	0	0	0	0	0	0	0	1	3	5	8	10	15	19	21	23	11	9	3	0	1	2	1	15	6
17	25	23	18	22	21	16	13	16	20	20	20	19	21	****	****	21	21	15	11	11	2	1	0	0	15
18	0	1	0	1	1	0	0	0	4	8	15	20	27	****	****	****	****	****	****	0	0	0	1	5	5
19	4	1	1	2	1	1	0	2	13	21	23	27	31	****	25	18	25	17	1	5	7	6	11	4	11
20	13	3	3	6	1	0	1	2	13	28	38	47	49	45	39	38	41	33	16	2	0	0	15	15	19
21	9	7	2	2	1	15	19	20	21	19	18	20	26	32	42	50	56	58	57	51	35	35	25	11	26
22	4	15	24	20	14	3	0	2	10	10	17	18	24	33	39	34	38	42	36	17	13	14	11	12	19
23	19	22	18	13	10	2	0	3	8	9	10	12	11	****	13	15	13	10	7	3	4	1	0	2	9
24	3	5	1	0	0	0	0	1	4	9	8	16	20	22	22	17	12	8	2	0	0	0	0	0	6
25	0	0	0	0	0	0	0	0	0	1	4	8	8	8	8	2	1	1	0	0	1	1	0	0	1
26	5	22	20	19	16	9	5	7	9	10	12	13	14	****	13	12	14	12	8	5	3	1	1	2	10
27	2	4	6	6	2	-	3	4	12	18	18	20	23	22	23	21	21	22	14	12	6	4	2	1	12
28	1	1	1	1	2	4	2	7	12	18	20	23	25	27	27	27	25	12	4	0	0	0	0	0	10
29	0	0	1	2	1	0	0	1	4	16	23	25	25	18	17	8	6	6	1	0	0	0	0	0	6
30	0	0	0	0	0	0	0	0	5	16	13	****	****	33	36	-	19	7	1	1	2	6	4	9	7
MEAN	7	8	8	8	7	4	3	6	11	16	18	21	25	27	25	23	22	20	13	6	5	5	5	5	12.2

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	18	6	0	0	0	1	7	25	32	37	40	44	50	55	54	38	23	18	17	14	24	20	23
2	29	27	25	22	18	23	15	6	11	13	20	26	27	****	15	-	4	****	0	0	0	0	0	0	13
3	0	****	0	0	0	0	0	0	1	5	10	10	10	6	2	5	1	0	0	0	0	13	14	12	4
4	2	0	0	0	2	3	2	0	1	6	13	12	11	12	10	9	8	7	6	6	7	10	9	9	6
5	8	8	10	9	10	9	6	7	12	14	14	14	15	14	12	11	7	2	1	0	0	0	0	0	8
6	0	0	0	1	3	0	0	1	5	12	11	16	16	13	11	13	13	-	11	19	25	21	19	12	10
7	0	2	3	2	0	0	0	0	2	10	17	24	21	****	21	18	16	8	2	0	0	0	0	0	6
8	0	2	10	6	7	10	2	11	22	-	-	34	36	38	37	32	22	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	15	18	20	23	24	22	18	7	1	0	0	0	0	0	******
10	0	0	0	0	0	0	0	0	9	20	16	17	17	17	20	18	6	2	1	1	1	1	1	0	6
11	0	0	0	0	0	0	0	3	4	2	2	5	8	11	8	9	8	6	3	2	3	2	1	0	3
12	4	7	11	11	12	13	9	10	12	11	11	12	11	11	12	12	13	7	9	6	2	8	4	3	9
13	3	10	13	13	12	6	8	13	17	17	19	21	19	16	16	16	16	16	7	7	3	3	3	2	11
14	4	0	0	0	0	0	0	0	6	12	****	15	14	7	5	2	0	0	0	0	0	0	0	0	3
15	0	0	0	0	0	0	0	0	1	2	6	6	8	7	8	3	3	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	****	6	6	9	6	10	24	17	18	17	28	30	27	26	10
18	28	24	22	21	19	17	15	17	19	21	24	26	27	27	27	23	16	9	4	8	23	23	20	15	20
19	19	17	20	22	22	20	19	17	16	15	16	14	12	17	18	16	15	11	6	3	3	6	6	22	15
20	23	24	24	22	16	10	3	3	4	11	19	22	18	14	14	11	9	7	3	3	14	7	4	5	12
21	10	12	12	15	15	8	3	3	4	11	19	****	3	12	15	18	13	7	7	11	6	6	11	11	10
22	12	15	14	15	11	7	2	3	6	13	17	17	17	16	15	13	10	9	7	8	7	4	2	2	10
23	2	2	2	2	2	2	2	2	5	11	13	13	15	16	13	13	7	3	3	3	3	9	13	17	7
24	18	20	20	20	19	13	7	8	14	15	16	17	-	12	14	9	6	5	6	7	8	10	6	8	12
25	8	8	12	12	13	11	6	4	5	9	-	7	5	4	3	3	4	6	6	7	9	10	11	16	8
26	17	16	16	17	18	17	17	16	17	18	21	23	23	23	22	22	20	20	17	17	18	17	18	17	19
27	22	21	22	22	22	22	20	12	11	17	19	20	21	22	20	19	10	2	2	3	3	2	2	2	14
28	2	2	2	2	2	4	3	3	7	19	24	28	31	-	26	23	15	10	12	14	17	16	17	11	13
29	12	18	18	17	17	14	2	1	4	13	18	17	20	17	16	12	7	2	3	3	4	2	3	4	10
30	4	10	13	14	13	13	13	6	4	10	23	25	26	25	25	25	21	22	21	21	21	22	21	19	17
31	16	15	13	12	12	10	7	4	5	10	16	19	22	-	21	20	14	8	1	3	1	3	8	13	11
MEAN	9	10	10	9	9	8	5	5	8	12	16	17	17	16	16	15	12	8	6	6	7	8	8	8	10.2

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	18	19	17	19	19	17	12	14	16	18	20	20	20	19	18	15	13	13	13	13	18	20	11	17
2	12	14	9	4	3	15	19	12	15	22	25	25	25	27	26	23	19	6	1	2	3	2	2	2	13
3	2	2	2	-	14	11	4	3	7	9	10	8	8	7	5	2	1	1	2	1	2	8	17	15	6
4	17	32	28	25	25	28	27	20	20	22	20	12	7	6	4	3	2	0	1	10	10	9	11	10	15
5	10	10	12	12	10	7	2	2	3	12	16	16	16	16	16	13	9	4	5	0	4	9	2	0	9
6	4	11	7	3	1	0	0	1	3	12	12	13	15	16	-	13	11	11	13	15	16	16	12	13	9
7	13	11	9	7	7	3	0	0	0	4	4	8	8	0	0	0	0	0	0	1	4	7	12	11	5
8	10	11	12	16	17	17	15	12	15	15	13	14	15	15	12	11	3	0	0	0	8	14	12	6	11
9	5	1	0	1	2	3	2	0	0	1	8	15	15	12	13	10	9	4	2	4	2	6	8	12	6
10	15	18	17	18	17	15	12	5	11	17	18	20	19	18	17	15	13	14	14	18	18	19	18	18	16
11	19	19	20	20	19	20	14	10	14	16	17	18	20	20	17	13	10	7	7	6	13	10	13	-	15
12	20	19	20	19	17	14	3	2	10	17	20	-	21	20	18	10	1	0	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	****	0	0	0	0	1	1	5	9	15	16	8	7	5	2	1	1	0	0	1	1	0	3
15	2	5	0	0	1	2	7	6	3	2	7	11	12	15	11	11	9	1	1	1	1	0	2	1	5
16	0	0	0	0	0	0	0	2	9	16	19	20	20	20	20	19	11	0	0	0	0	0	0	0	7
17	0	0	0	0	0	0	0	0	0	****	-	****	****	****	4	1	0	0	0	0	0	0	1	0	0
18	1	1	9	11	12	14	8	0	1	4	10	13	15	13	12	9	****	****	7	12	13	15	16	14	10
19	17	17	7	11	13	9	9	2	1	8	11	8	****	4	4	3	1	0	2	1	1	1	1	0	6
20	0	0	0	0	1	1	1	2	4	8	12	12	13	11	9	8	1	0	0	0	0	0	2	5	4
21	3	5	2	0	0	0	0	0	0	2	2	3	1	5	4	3	3	3	5	7	10	12	13	10	4
22	11	15	15	8	6	9	3	4	9	10	15	16	17	18	17	14	7	4	2	8	3	2	1	1	9
23	1	1	2	5	8	6	4	0	0	2	3	4	3	1	0	0	0	0	0	0	0	0	0	1	2
24	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	2	1	4	8	11	1
25	14	15	17	18	16	16	9	3	3	5	13	14	12	****	16	15	11	7	1	1	1	0	0	0	9
26	1	0	0	0	1	2	0	0	0	3	7	14	16	14	16	9	0	0	0	0	0	0	0	0	3
27	-	0	0	0	0	0	0	0	1	6	8	9	10	12	13	10	6	6	8	7	7	6	6	4	5
28	7	9	8	11	13	12	4	0	0	1	1	0	0	****	1	1	0	0	0	0	0	0	1	0	3
29	0	0	0	1	4	15	17	17	15	16	16	12	15	19	18	17	10	8	10	10	15	18	17	14	12
30	15	15	15	15	13	14	13	14	17	18	19	19	18	17	15	6	2	3	2	3	7	7	9	9	12
MEAN	7	8	8	8	8	8	6	4	6	9	11	12	13	12	11	9	5	3	3	4	5	6	7	6	7.5

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	7	8	4	3	1	0	0	1	3	9	14	15	13	10	0	0	0	0	0	0	0	0	4
2	0	1	7	4	3	2	0	0	0	0	0	1	34	****	0	1	1	5	7	6	14	19	21	23	6
3	25	26	27	28	27	27	25	20	20	22	24	25	24	23	21	16	16	13	11	13	11	11	2	11	20
4	8	14	16	15	16	11	2	0	1	2	5	8	8	8	5	5	1	0	0	0	0	-	0	0	5
5	0	0	0	0	1	1	0	0	0	1	5	16	****	****	7	3	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	1	1	1	7	6	3	2	1	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	8	10	10	5	0	0	1	1	2	7	9	8	11	3
9	14	18	21	20	16	16	6	0	1	2	7	12	16	****	5	1	1	1	1	1	-	-	3	2	8
10	1	2	5	11	14	13	12	4	3	10	14	16	19	17	14	12	****	****	15	18	20	19	14	11	12
11	10	2	7	13	10	7	2	1	2	6	14	21	22	21	19	15	9	7	10	14	-	-	-	10	11
12	11	11	10	8	5	2	1	1	1	3	4	3	3	2	****	1	1	1	1	1	1	2	3	5	4
13	8	10	11	10	11	12	15	14	13	14	19	21	22	21	21	17	13	5	6	9	10	9	11	17	13
14	15	11	14	16	17	22	22	20	22	22	24	23	25	26	24	23	11	3	1	1	1	3	12	16	16
15	18	20	21	21	17	14	10	6	4	6	7	4	4	4	6	2	1	1	****	1	1	1	1	1	7
16	1	1	1	1	1	1	1	2	2	6	9	13	****	12	8	3	1	2	2	2	0	10	12	16	5
17	12	12	14	14	14	14	4	0	3	8	9	9	10	7	3	1	0	5	5	1	****	7	7	8	7
18	8	11	6	4	4	4	6	7	8	13	15	18	21	19	18	13	8	9	14	12	15	-	-	-	11
19	15	16	13	18	22	20	15	8	7	10	15	19	-	-	16	13	3	0	0	0	0	7	3	3	10
20	8	11	14	15	16	17	15	11	2	3	7	11	21	21	20	12	9	6	0	3	7	14	13	13	11
21	14	14	15	17	19	20	17	16	13	15	17	21	22	23	22	20	16	12	10	11	8	7	8	6	15
22	8	5	4	2	0	0	0	0	0	0	3	6	7	6	4	1	0	0	0	6	1	0	0	0	2
23	0	0	0	0	0	0	0	0	0	1	4	5	7	****	7	7	1	0	****	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	2	9	16	18	20	22	21	20	18	20	19	20	19	19	16	17	12
25	17	17	16	15	14	11	9	9	6	14	18	13	20	21	22	17	11	4	2	4	4	12	7	7	12
26	8	11	17	18	18	18	16	17	17	19	16	17	17	15	15	11	6	1	0	0	2	2	0	0	11
27	0	0	0	0	0	0	0	0	0	1	4	5	4	1	2	1	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	2	4	9	11	10	10	6	4	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	0	0	0	0	0	0	0	1	4	1
30	10	12	14	13	15	16	13	8	8	13	15	13	12	****	13	11	5	4	3	3	2	3	2	2	9
31	3	3	7	5	4	3	2	2	4	3	6	9	11	9	7	7	1	0	0	0	0	1	4	-	4
MEAN	7	8	9	9	9	8	6	5	4	7	9	11	14	13	11	8	5	3	4	4	4	6	5	6	7.3

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7.0	18	25
FEB	29	9.2	17	27
MAR	31	12.8	32	54
APR	30	12.1	31	51
MAY	31	16.9	32	100
JUN	30	19.4	56	129
JUL	25	23.6	41	82
AUG	31	23.1	45	84
SEP	30	12.2	33	58
OCT	29	10.2	23	55
NOV	30	7.5	17	32
DEC	31	7.3	20	34
YEAR	358	13.4	56	129

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	484	252	0	0	0	0	0	0	736
FEB	376	310	0	0	0	0	0	0	686
MAR	309	400	26	2	0	0	0	0	737
APR	352	317	41	1	0	0	0	0	711
MAY	284	311	119	16	5	0	0	0	735
JUN	307	261	83	39	16	4	3	0	713
JUL	224	187	129	73	13	0	0	0	626
AUG	287	194	159	86	2	0	0	0	728
SEP	394	229	67	8	0	0	0	0	698
OCT	384	314	12	2	0	0	0	0	712
NOV	449	254	1	0	0	0	0	0	704
DEC	482	236	1	0	0	0	0	0	719
YEAR	4332	3265	638	227	36	4	3	0	8505

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.8	0	0.0	1.7	9.2	17.2	31.0	42.1	58.5	71.7	129	13.4

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	3	3	4	5	8	12	11	12	13	11	8	6	4	4	3	5	3	2	3	6
2	3	3	4	3	4	3	3	3	3	3	3	3	5	5	6	6	4	6	6	6	8	6	4	3	4
3	3	5	9	11	10	9	4	3	4	5	7	8	10	9	8	7	5	3	3	3	3	3	2	2	6
4	2	2	2	2	2	2	2	3	3	3	4	4	23	7	2	0	3	3	1	0	0	0	0	0	3
5	0	1	2	4	****	3	0	0	0	2	3	4	5	6	5	1	0	0	0	0	0	0	0	0	2
6	0	0	0	0	****	****	****	****	0	0	0	2	2	10	10	5	3	0	0	1	5	4	2	0	2
7	0	3	9	8	8	3	0	0	4	1	4	***	4	2	4	5	2	1	3	2	4	2	4	3	3
8	3	7	7	7	6	3	0	0	0	1	3	4	6	3	4	1	1	0	0	0	0	1	1	1	2
9	2	7	8	3	1	2	1	****	0	1	3	5	4	3	2	1	0	0	0	0	0	0	0	****	2
10	****	0	0	0	****	****	0	0	0	0	2	5	5	5	5	5	6	9	11	11	8	4	0	0	4
11	0	0	0	0	1	0	1	0	1	5	6	7	4	4	3	0	0	2	1	3	7	8	4	5	3
12	8	8	10	12	13	11	10	8	11	13	12	10	11	7	6	4	3	2	5	6	4	4	5	2	8
13	1	0	0	****	****	2	8	6	5	5	10	9	10	6	6	10	4	1	0	3	3	6	4	4	5
14	7	9	7	5	0	0	0	****	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	11	13	14	17	13	6	6	6	8	14	16	14	11	6
16	13	13	16	16	15	11	7	4	5	9	10	10	11	12	****	****	9	****	15	16	16	7	4	3	11
17	2	2	3	2	1	1	1	2	3	3	3	3	4	4	3	2	3	2	1	2	2	2	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	5	1
19	3	2	5	12	15	15	10	7	4	5	6	6	6	6	6	5	3	3	2	2	4	7	5	10	6
20	10	11	12	16	17	16	12	13	16	14	14	13	13	12	12	12	8	5	3	2	1	3	5	9	10
21	13	10	8	16	14	9	2	1	2	2	5	12	7	5	7	5	4	3	1	1	1	1	0	0	5
22	1	0	1	1	5	6	4	2	6	2	3	2	2	2	1	2	1	1	1	2	4	4	3	3	2
23	6	8	13	15	16	14	6	2	2	6	9	10	18	11	8	7	6	5	5	4	4	6	7	10	8
24	13	15	18	19	20	14	6	3	3	5	7	11	14	11	8	7	7	4	4	5	4	2	1	1	8
25	1	1	1	1	1	1	1	2	2	2	3	5	3	2	3	5	4	2	1	1	1	1	2	2	2
26	2	4	9	16	16	15	12	4	5	8	10	10	10	8	9	6	4	3	3	2	3	4	4	5	7
27	7	4	8	8	14	17	15	12	10	11	18	19	21	19	19	16	11	15	7	6	4	3	4	3	11
28	3	5	3	8	12	9	3	2	4	5	6	9	11	12	10	8	7	3	2	2	2	2	3	6	6
29	8	9	7	6	4	1	1	1	2	2	4	3	7	8	6	5	5	3	2	3	6	9	5	4	5
30	2	3	1	12	18	14	6	4	3	7	8	9	10	10	8	****	****	****	****	*	****	****	5	5	7
31	12	12	16	18	15	13	9	5	5	6	8	8	11	9	11	8	7	6	7	8	12	12	12	14	10
MEAN	4	5	6	8	9	7	4	3	4	4	6	7	8	7	7	5	4	3	3	3	4	4	3	4	5.2

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	16	19	20	16	10	6	3	5	8	9	10	11	11	10	8	6	4	4	2	4	5	7	8	9
2	9	6	7	10	15	14	9	5	7	11	11	12	12	12	11	10	9	7	6	6	5	****	2	3	9
3	2	3	7	10	12	12	10	6	8	8	10	10	9	10	10	9	8	6	5	6	8	7	7	7	8
4	10	13	15	14	11	14	5	2	4	****	****	****	****	11	9	8	5	3	3	3	7	4	4	2	7
5	1	1	1	1	1	2	2	2	3	4	8	****	11	12	13	10	-	-	2	2	1	2	1	1	4
6	1	1	1	1	0	1	1	1	1	1	2	4	6	7	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	****	****	****	8	10	10	10	8	7	4	3	2	5	3	3	2	******
8	5	9	6	7	7	3	2	2	3	5	****	11	11	11	11	9	8	4	3	3	3	2	2	2	6
9	4	3	8	5	4	3	6	4	3	7	10	12	13	12	13	10	10	8	8	8	8	8	6	5	7
10	6	6	6	13	13	15	12	7	14	14	17	20	23	24	22	24	21	6	4	2	3	2	8	9	12
11	4	3	4	12	8	16	11	3	5	8	12	****	16	15	16	11	10	5	5	4	1	0	0	2	7
12	8	9	12	12	14	6	0	1	1	3	7	9	13	8	8	7	5	2	2	0	0	0	0	0	5
13	0	0	0	3	4	2	0	0	1	4	8	10	11	12	12	****	12	15	10	7	9	5	4	1	6
14	1	2	4	2	3	1	0	0	0	2	4	6	7	7	8	8	5	2	0	0	0	0	0	0	3
15	0	0	0	0	0	0	0	0	0	0	1	2	6	11	13	****	6	10	****	14	16	15	****	17	5
16	1	0	0	6	7	6	3	3	4	6	8	****	14	12	11	13	9	4	6	2	3	1	1	1	5
17	0	0	0	0	0	0	0	0	4	11	15	15	15	14	15	12	14	20	18	16	16	16	18	15	10
18	17	18	17	16	13	8	7	3	4	9	15	19	20	22	20	17	12	13	17	15	12	12	12	12	14
19	11	13	13	10	6	5	2	1	1	2	3	6	6	6	6	2	1	1	1	1	0	0	0	0	4
20	2	1	3	1	0	1	1	1	2	3	4	4	4	3	1	1	1	0	0	1	1	1	1	1	2
21	1	1	0	0	1	2	2	1	1	2	2	2	2	2	2	2	1	11	17	19	21	23	24	24	7
22	25	24	23	20	21	12	4	3	2	4	6	5	5	5	5	3	3	3	3	3	4	4	5	5	8
23	3	6	8	11	13	14	11	11	12	11	14	16	20	****	13	13	9	5	3	0	1	1	2	9	9
24	7	0	2	2	3	1	7	9	9	8	11	13	13	13	13	12	10	7	7	12	10	7	2	2	8
25	2	10	14	15	15	7	0	0	4	6	9	9	9	7	8	7	6	6	6	6	9	11	11	12	8
26	16	18	21	20	18	16	8	4	6	8	9	9	14	13	13	10	10	14	8	10	12	11	10	20	12
27	25	23	19	19	17	17	****	3	4	6	7	7	10	10	30	17	7	6	4	3	3	2	4	4	11
28	9	12	13	15	15	15	6	3	5	7	9	11	12	11	11	9	8	7	5	7	8	8	5	12	9
29	14	15	17	17	16	13	6	3	6	9	10	****	10	9	9	8	6	5	5	4	5	5	2	0	8
MEAN	7	8	9	9	9	8	4	3	4	6	9	10	11	11	12	10	8	7	6	6	6	6	5	6	7.4

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 80

HOUR DAY	1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	10	11	10	8	8	11	13	13	15	14	13	13	13	12	9	5	4	4	7	5	4	8
2	3	0	1	1	1	1	3	2	9	16	21	21	22	23	21	****	13	9	6	4	3	4	2	0	8
3	0	0	1	3	2	1	0	1	2	4	****	****	19	20	21	20	****	15	18	16	18	18	14	14	10
4	17	15	18	17	12	7	2	1	5	9	7	9	10	13	10	16	9	12	7	1	0	2	8	10	9
5	13	14	15	12	15	9	5	2	1	4	5	7	4	1	2	3	4	4	5	8	11	10	7	5	7
6	10	15	20	24	22	10	9	5	8	10	17	23	28	24	25	23	16	18	18	8	1	1	2	9	14
7	2	8	7	6	3	2	1	1	2	3	9	15	17	21	18	15	12	10	10	5	0	7	11	14	8
8	7	1	2	1	4	4	3	2	3	4	4	4	4	4	8	11	10	14	12	4	11	11	6	0	6
9	0	1	11	13	15	18	18	14	14	18	24	29	37	41	45	47	46	43	34	23	24	17	19	14	24
10	16	12	26	26	13	10	0	3	8	12	16	15	19	18	17	12	10	10	7	10	13	15	15	14	13
11	18	18	19	22	22	19	7	2	7	10	11	9	13	10	9	8	8	9	7	9	11	9	10	10	12
12	12	17	19	20	22	15	6	5	9	11	11	14	17	16	19	16	16	13	11	7	0	0	0	-	12
13	21	20	22	28	28	27	24	21	20	23	20	19	17	18	20	19	17	19	21	22	21	18	16	15	21
14	15	15	15	14	13	7	2	0	1	1	3	8	9	9	11	9	7	7	4	5	9	10	9	8	8
15	9	13	16	17	21	19	12	10	13	13	14	15	17	17	16	15	13	11	6	5	1	1	0	0	11
16	0	0	0	0	7	19	22	26	27	26	28	30	30	31	31	28	22	15	14	11	11	21	12	19	18
17	13	16	10	21	17	4	3	4	5	5	4	****	7	2	3	6	4	4	4	3	5	9	11	11	7
18	15	18	20	23	23	20	10	5	8	11	11	12	13	11	9	8	7	7	4	3	4	13	0	0	11
19	0	0	0	0	0	0	0	3	9	11	11	****	****	****	11	7	9	3	1	1	6	4	1	0	4
20	2	4	3	0	3	0	0	1	1	2	3	5	7	11	26	31	21	19	9	17	31	27	13	3	10
21	12	7	1	2	11	13	4	1	2	1	2	2	2	3	3	4	5	7	8	9	11	10	13	13	6
22	13	16	16	18	19	18	16	12	10	10	9	9	9	9	9	8	9	7	6	6	9	6	3	3	10
23	3	2	6	7	9	8	5	5	7	14	17	17	22	20	17	11	16	18	8	8	13	11	12	10	11
24	15	18	4	5	12	16	13	8	8	5	9	****	10	6	3	6	2	2	1	0	0	0	1	2	6
25	7	13	12	12	9	8	4	1	2	4	5	4	7	7	5	4	3	2	3	2	1	0	0	0	5
26	1	8	12	15	11	9	5	3	4	4	6	8	13	13	11	11	8	3	7	9	2	1	0	0	7
27	1	1	3	1	1	0	1	2	3	11	16	****	12	18	24	25	19	20	20	14	5	8	25	24	11
28	20	16	6	0	0	0	0	2	2	5	9	19	17	19	14	9	8	4	2	3	3	2	2	2	7
29	1	1	9	16	16	15	12	8	5	4	6	6	7	11	12	7	5	6	6	3	4	3	4	4	7
30	5	5	8	13	15	14	10	14	17	21	31	32	31	36	35	33	29	37	32	30	28	31	20	22	23
31	24	28	29	31	30	25	19	10	8	6	7	4	5	4	4	4	10	10	12	11	5	3	0	0	12
MEAN	9	10	11	12	12	11	7	6	7	9	12	13	15	15	15	14	12	12	10	8	9	9	8	8	10.5

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	1	4	-	23	24	21	21	22	18	25	21	18	14	21	20	6	1	11
2	1	1	1	1	1	1	1	3	3	3	4	8	15	20	15	19	13	17	6	9	10	10	6	7	8
3	5	4	2	0	0	0	1	2	18	26	17	33	-	27	17	15	11	6	7	14	26	22	28	29	13
4	19	14	17	23	22	16	8	5	16	16	12	10	9	10	9	7	9	12	10	11	12	14	12	10	13
5	13	19	23	24	22	18	15	13	13	15	15	15	16	17	18	15	15	13	11	2	1	1	2	1	13
6	2	2	2	2	4	6	7	13	27	32	33	34	33	34	36	37	35	35	32	29	31	24	28	20	22
7	21	23	22	21	14	2	2	7	15	****	21	26	26	24	14	17	13	19	16	13	4	2	7	17	15
8	26	30	31	28	26	26	12	9	17	****	****	****	****	24	31	29	15	19	29	30	32	30	14	-	24
9	29	13	24	21	1	2	4	9	13	16	17	****	13	13	14	20	9	15	12	12	23	15	17	19	14
10	12	7	17	18	14	13	9	6	3	6	4	4	7	5	5	5	6	3	1	1	1	0	1	3	6
11	2	3	4	4	6	3	1	1	1	0	3	5	9	9	7	8	6	7	17	4	1	****	8	5	5
12	5	4	7	6	9	2	4	****	1	6	4	1	0	2	1	0	3	4	3	3	4	3	-	-	3
13	1	2	5	12	8	11	11	12	14	13	13	12	13	9	9	9	6	3	2	1	2	1	0	0	7
14	1	1	1	4	9	10	8	3	0	0	0	0	0	4	2	2	1	0	0	****	0	1	7	6	3
15	14	16	15	17	14	11	7	2	5	5	8	7	6	4	4	0	0	0	****	****	****	****	1	2	7
16	3	4	6	10	11	9	6	2	4	7	9	9	10	****	8	8	6	5	3	2	1	****	0	****	6
17	****	****	****	****	****	****	****	1	7	11	12	14	19	21	16	15	13	6	13	7	8	9	9	8	11
18	10	2	4	2	4	0	0	1	3	14	****	16	19	16	24	18	21	21	10	2	3	4	0	0	8
19	0	0	****	****	****	****	0	2	7	11	13	18	35	43	39	40	40	40	33	27	5	11	24	15	20
20	7	14	17	41	24	1	5	4	7	25	26	25	22	18	20	19	13	12	9	9	6	2	5	5	14
21	2	2	4	1	3	2	0	2	4	9	10	11	11	12	12	10	8	9	9	5	0	-	-	0	6
22	0	0	0	-	-	0	9	14	16	22	21	24	24	-	-	17	18	20	17	19	21	20	-	18	15
23	27	27	26	26	23	17	9	6	13	13	14	20	24	27	27	29	23	14	4	3	3	3	2	2	16
24	7	2	4	6	10	0	1	2	6	10	11	17	19	22	23	24	28	23	20	6	1	1	0	1	10
25	0	0	0	2	1	1	0	0	0	0	****	6	3	11	14	13	10	6	2	0	0	****	0	0	3
26	0	0	0	****	****	0	1	3	7	10	13	16	23	21	19	10	12	2	2	1	1	0	****	0	7
27	0	****	****	****	****	0	0	0	1	8	22	24	34	35	35	34	20	23	5	28	25	9	28	34	19
28	34	33	29	25	24	15	10	3	7	12	15	11	7	8	5	8	10	17	16	17	19	19	17	16	16
29	21	19	11	12	14	11	2	1	1	13	13	16	15	15	14	15	20	17	16	18	16	2	****	9	13
30	10	****	0	****	0	0	0	1	2	8	7	10	****	8	7	10	9	6	2	-	0	0	0	0	4
MEAN	9	9	10	13	11	6	5	4	8	12	13	15	16	17	16	16	14	13	11	11	10	9	9	8	11.0

PERCENTAGE OF DATA VALID - 92.8 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	4	6	1	0	0	0	0	4	10	11	17	19	18	-	14	****	14	****	0	0	1	0	6
2	1	2	10	9	1	0	0	0	4	****	9	15	18	18	17	28	19	7	2	0	0	****	****	0	8
3	0	0	0	****	****	0	0	2	5	11	17	22	26	15	16	15	14	12	7	9	9	5	4	3	9
4	4	6	4	10	12	4	4	13	8	15	19	25	29	33	38	38	27	12	5	0	****	0	1	6	14
5	20	25	23	17	4	0	0	0	4	11	14	18	22	18	16	15	17	12	5	4	9	12	13	16	12
6	15	13	19	17	10	1	0	1	4	4	8	11	11	14	15	17	18	24	24	24	21	7	1	3	12
7	5	3	10	19	20	7	4	1	5	5	6	3	3	2	2	1	2	1	1	2	0	0	0	0	4
8	0	1	2	1	****	0	0	1	3	8	6	7	4	1	1	1	2	3	2	2	4	1	1	2	2
9	5	6	13	14	8	1	0	0	5	****	****	7	9	10	11	8	8	6	5	7	9	4	4	1	6
10	2	3	1	1	0	0	2	10	15	16	23	29	27	30	37	43	42	41	40	39	38	33	32	26	22
11	22	16	19	37	39	25	30	35	41	39	41	32	18	13	15	17	17	14	10	7	2	0	0	0	20
12	0	1	7	7	0	4	6	9	14	7	18	22	23	25	15	15	12	22	14	5	0	0	0	0	12
13	0	0	0	0	0	0	2	3	1	4	1	3	8	8	13	11	12	17	17	5	1	1	20	7	6
14	0	11	22	21	20	6	1	1	1	7	9	10	10	7	1	2	3	4	3	1	2	1	0	-	6
15	1	5	5	2	1	0	0	2	5	6	3	6	9	6	8	8	3	7	5	2	0	0	0	0	4
16	0	0	6	6	0	0	0	0	4	9	****	17	22	25	23	25	30	36	32	17	3	2	4	3	11
17	3	3	3	2	2	3	5	13	31	32	37	37	42	48	46	48	48	52	20	18	39	44	54	55	29
18	53	56	55	55	56	53	51	45	38	33	22	15	28	36	-	34	22	21	19	16	13	4	4	16	32
19	26	28	34	36	34	27	20	28	32	34	39	40	46	48	52	61	52	52	53	37	7	7	5	3	33
20	4	8	6	5	3	3	3	5	11	****	22	22	20	24	30	28	29	35	26	14	3	2	2	3	13
21	2	3	2	2	2	3	3	4	4	9	42	44	32	36	40	44	31	38	33	22	14	5	1	6	18
22	16	26	37	23	7	2	2	4	13	20	34	42	54	56	55	44	31	31	16	4	3	0	0	1	22
23	1	2	6	1	0	1	2	6	38	53	****	73	92	102	88	66	77	70	53	37	5	3	8	2	35
24	5	11	18	20	18	3	4	5	6	11	23	53	70	66	55	62	77	32	21	21	25	30	20	10	28
25	9	11	16	21	24	22	20	21	19	21	22	27	33	26	24	26	19	19	13	7	9	7	4	11	18
26	18	22	24	18	7	4	6	9	10	****	****	****	19	16	17	17	18	15	13	14	10	8	9	9	16
27	20	****	28	30	24	8	3	5	8	****	****	10	11	10	6	4	6	6	3	5	3	4	6	7	10
28	10	14	16	17	13	5	3	2	6	9	20	20	25	22	24	20	24	26	16	5	2	2	2	3	13
29	2	6	18	2	1	2	6	7	15	23	31	28	35	****	****	20	12	15	21	36	39	42	36	33	20
30	31	36	22	22	5	2	3	10	19	26	25	37	36	****	****	****	****	****	****	****	****	****	****	****	******
31	****	****	****	****	****	****	****	****	****	31	37	42	42	22	28	17	13	9	9	9	8	6	4	7	******
MEAN	9	11	14	15	11	6	6	8	12	17	21	24	27	26	26	26	23	22	17	13	10	8	8	8	15.3

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	12	15	15	14	14	12	14	16	21	17	23	23	22	20	23	13	16	5	8	7	5	8	14
2	10	23	19	19	14	11	4	4	6	****	5	13	20	20	25	30	18	11	10	7	2	2	1	3	12
3	5	1	4	3	5	1	1	1	1	2	6	12	12	11	10	11	10	9	8	6	3	4	7	6	6
4	8	15	11	10	9	2	3	8	8	8	10	10	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	23	30	33	32	36	23	26	21	24	******
6	26	21	14	12	17	8	11	9	10	9	7	3	8	18	17	9	12	1	1	1	1	2	2	4	9
7	6	15	20	22	18	14	9	9	13	14	23	30	32	30	29	21	24	26	28	33	12	9	19	7	19
8	12	3	21	22	19	10	7	8	7	8	9	7	7	6	6	9	11	10	8	7	5	4	1	1	9
9	3	7	6	6	3	1	1	3	3	7	****	13	12	10	10	9	9	10	10	8	6	2	2	3	6
10	3	8	7	9	5	2	2	4	4	5	5	5	8	11	10	8	7	6	6	6	7	3	4	8	6
11	10	15	17	13	6	2	3	5	12	20	13	11	6	6	5	7	9	11	8	8	3	1	2	2	9
12	2	3	2	1	2	3	3	4	8	17	18	22	24	****	30	31	36	44	45	42	34	25	26	9	19
13	2	1	2	1	2	6	6	8	12	17	25	39	47	56	57	59	59	61	69	39	26	35	26	23	28
14	17	8	1	1	2	7	30	44	****	****	60	73	77	87	87	76	60	68	60	7	6	4	6	4	38
15	8	1	2	1	2	2	2	5	29	43	45	29	12	5	7	6	8	7	7	6	7	7	4	11	11
16	13	16	9	9	8	3	4	5	8	10	****	14	14	17	****	11	12	9	10	9	5	5	3	1	9
17	2	4	0	1	1	1	2	3	9	16	****	23	24	30	25	26	31	28	29	21	18	27	26	23	16
18	18	26	32	30	16	9	10	15	18	25	31	41	25	11	6	8	6	19	16	15	17	6	3	1	17
19	1	1	1	0	1	2	17	21	20	16	21	21	27	36	42	43	46	31	14	7	13	5	4	9	17
20	23	36	14	18	15	9	6	6	8	10	****	10	10	9	7	7	5	5	3	5	1	1	1	2	9
21	1	1	4	2	1	2	4	5	6	13	17	26	36	38	38	40	47	39	13	2	0	1	1	0	14
22	1	1	1	1	1	1	1	3	18	35	43	50	49	52	51	62	64	63	63	56	35	16	6	15	29
23	35	38	22	16	5	9	11	13	20	20	****	50	59	80	78	78	77	80	77	65	51	23	5	2	40
24	1	3	2	3	1	2	3	13	31	57	64	73	84	107	97	83	-	93	91	96	90	47	6	11	46
25	24	29	25	6	2	2	3	6	20	43	59	70	72	78	74	86	90	68	46	****	21	25	21	9	38
26	7	21	11	27	20	13	9	19	29	29	41	58	65	62	58	46	31	24	39	30	47	44	15	6	31
27	1	1	9	20	14	8	6	3	4	****	8	10	12	13	14	12	11	10	8	6	2	2	1	1	8
28	1	2	9	15	19	17	14	10	8	10	6	8	6	7	14	20	19	21	23	14	22	23	25	22	14
29	17	6	9	8	9	5	20	20	15	22	24	28	32	35	37	39	25	18	12	3	15	5	6	12	18
30	14	15	19	18	12	7	2	6	10	****	13	14	13	19	18	15	17	10	10	6	5	3	2	1	11
MEAN	10	11	11	11	8	6	7	9	13	19	24	27	29	32	32	31	28	26	26	20	17	13	9	8	17.7

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	3	1	3	7	14	23	29	35	36	41	49	43	43	45	52	35	47	48	51	45	27
2	34	28	17	18	9	1	3	8	12	14	14	15	17	17	16	15	13	13	10	5	1	1	1	1	12
3	2	2	1	1	1	1	1	2	****	****	****	20	27	32	39	41	49	66	55	5	2	2	2	2	17
4	1	1	3	1	1	2	2	6	12	24	39	58	69	80	74	73	73	59	36	21	12	14	4	3	28
5	6	3	4	46	17	25	14	20	31	37	45	50	51	41	38	35	23	20	19	14	8	8	11	13	24
6	13	13	19	19	17	9	7	11	11	11	13	14	14	13	13	13	13	9	9	5	1	2	2	2	11
7	2	2	3	1	1	1	2	2	2	10	13	21	28	19	25	23	22	22	19	28	40	32	30	22	15
8	13	14	16	16	15	5	3	14	22	5	****	12	17	15	11	9	8	9	6	2	1	0	1	0	9
9	0	2	3	2	1	1	1	1	1	5	14	22	19	23	22	20	23	27	27	9	1	1	2	1	10
10	1	2	2	1	1	2	2	2	7	15	32	38	42	55	53	50	68	64	52	41	6	1	1	18	23
11	21	9	22	16	15	2	2	3	7	16	28	27	15	15	15	12	12	11	8	3	1	0	1	0	11
12	0	1	1	0	1	1	1	4	8	10	11	8	22	15	13	11	9	6	5	3	1	2	1	1	6
13	0	3	9	8	10	4	2	6	11	19	26	30	29	34	43	47	49	47	56	31	2	1	1	1	20
14	1	1	1	1	1	2	2	2	10	16	24	39	49	49	44	46	41	35	20	21	35	13	5	27	20
15	23	22	18	7	26	14	5	1	1	2	11	22	27	45	43	33	11	11	12	7	1	1	1	2	14
16	4	7	7	9	8	1	1	1	****	14	13	15	15	12	14	21	22	39	41	40	25	21	11	36	15
17	6	9	13	13	8	3	3	8	13	14	16	19	16	15	13	11	11	11	9	8	7	6	4	5	10
18	3	3	6	9	5	2	2	3	9	21	23	15	17	13	13	16	23	20	11	7	7	23	29	33	13
19	32	12	13	13	15	10	11	20	28	31	36	54	63	74	80	77	57	48	51	48	13	8	3	2	33
20	3	2	2	2	4	3	16	13	30	14	20	39	42	44	59	48	39	28	9	3	3	5	33	56	22
21	37	33	38	16	35	25	17	9	21	25	25	50	48	46	33	28	16	13	8	5	4	10	7	14	23
22	15	23	24	22	7	3	2	2	3	7	13	16	17	18	19	13	8	6	3	2	2	2	4	1	10
23	0	2	2	3	1	0	0	2	4	5	7	10	10	8	7	9	7	7	8	6	3	2	2	2	4
24	2	2	2	4	2	2	3	3	3	7	12	22	****	****	27	32	38	49	43	39	24	3	2	9	15
25	2	2	10	7	2	2	2	3	7	11	20	****	****	****	****	****	****	****	****	****	****	****	****	****	******
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	9	8	9	9	8	5	4	6	12	15	21	27	30	31	32	30	28	28	24	16	10	9	9	12	16.2

PERCENTAGE OF DATA VALID - 78.0 PERCENTAGE OF DATA INVALID - 22.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	**	*	****	****	**	**	***	23	16	14	20	21	C	*	******
12	3	5	13	14	6	1	1	2	4	7	7	10	9	8	9	6	5	5	3	1	2	1	1	1	5
13	1	1	1	1	1	2	2	2	1	7	8	15	18	21	25	24	24	****	25	9	1	1	1	2	8
14	1	2	10	9	8	2	2	5	4	12	18	16	20	28	30	25	25	10	5	2	1	1	1	1	10
15	2	8	13	12	7	2	2	1	2	4	4	5	****	****	5	5	5	4	2	2	1	1	1	1	4
16	1	1	4	3	5	2	1	5	4	4	5	6	7	8	****	****	8	4	4	1	1	0	1	1	3
17	1	1	1	1	1	1	1	1	12	16	20	22	25	26	27	26	28	24	19	17	15	17	15	6	13
18	8	3	1	1	2	3	1	1	3	5	2	4	5	9	11	14	13	19	12	1	1	1	1	1	5
19	1	1	1	1	1	1	****	1	3	9	15	****	****	5	9	8	6	6	2	1	2	2	2	1	4
20	1	1	1	1	1	2	3	1	1	1	1	3	3	3	5	2	3	3	2	1	1	1	1	1	2
21	1	1	-	****	1	1	1	1	1	1	3	4	18	10	7	2	2	5	3	2	1	1	1	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23	2	2	1	1	1	1	1	1	1	1	1	1	1	****	25	29	32	23	14	3	1	1	1	1	6
24	1	1	1	0	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	******
25	2	1	1	1	1	2	3	2	****	****	****	****	****	****	****	20	21	20	14	12	14	4	1	1	7
26	1	1	1	1	1	1	2	-	****	****	****	****	5	21	30	34	34	26	11	5	9	4	1	1	10
27	1	1	2	1	1	1	2	2	1	1	5	13	****	45	46	46	47	41	28	16	12	3	11	9	15
28	10	7	11	11	3	2	1	1	1	1	1	1	1	1	1	3	9	10	6	12	12	16	11	12	6
29	11	13	2	13	15	7	4	13	20	28	35	32	28	30	29	23	27	23	11	2	12	8	2	2	16
30	2	2	2	2	2	2	2	2	8	15	24	3	17	30	32	24	29	38	41	38	46	45	26	26	19
31	15	21	24	10	7	16	13	20	17	20	24	31	34	38	39	33	18	26	27	16	5	24	33	35	23
MEAN	3	4	5	4	3	3	2	3	5	8	10	10	13	18	19	18	18	16	12	8	8	7	6	5	8.5

PERCENTAGE OF DATA VALID - 60.3 PERCENTAGE OF DATA INVALID - 39.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	26	29	30	27	24	21	19	20	22	20	19	21	18	26	35	40	38	21	2	13	8	7	13	22
2	11	16	23	18	13	2	2	2	4	4	1	3	4	7	4	3	4	3	4	1	1	1	1	1	6
3	1	4	9	5	1	2	2	2	2	5	****	16	26	35	40	31	41	35	17	4	32	24	10	2	15
4	3	8	2	2	2	2	3	7	12	16	22	28	41	62	42	34	33	48	48	-	33	39	22	21	23
5	21	12	12	15	11	3	1	5	14	****	****	20	15	12	8	9	7	4	1	1	1	1	1	1	8
6	1	2	3	5	3	3	1	3	9	13	14	14	14	11	9	7	7	4	2	1	1	1	1	1	5
7	1	1	2	7	8	3	1	1	6	8	11	14	13	14	25	34	35	32	30	1	1	2	2	2	11
8	1	1	1	1	1	1	2	3	2	2	10	9	13	11	13	11	12	13	4	1	6	17	6	5	6
9	9	2	1	1	1	1	2	2	2	6	9	15	27	26	22	3	1	1	1	1	1	1	1	1	6
10	1	4	5	3	3	2	2	2	2	3	5	6	****	4	4	3	4	2	1	1	1	1	1	1	3
11	1	3	4	6	2	1	1	1	5	9	12	15	14	12	9	8	7	7	1	1	1	1	1	2	5
12	2	1	4	3	7	3	1	1	2	2	****	2	1	1	1	1	2	1	1	2	2	2	2	1	4
13	1	2	3	4	3	1	1	1	1	2	3	3	2	5	4	4	14	11	17	8	3	3	1	1	3
14	1	1	1	1	1	1	1	1	1	8	9	7	10	9	3	2	1	1	1	1	1	2	1	2	6
15	3	4	3	1	1	1	2	-	2	****	****	10	11	11	13	15	14	13	8	3	1	1	2	7	6
16	1	1	1	1	1	2	3	3	3	2	2	6	7	11	11	15	10	12	7	4	14	8	1	13	6
17	20	14	9	17	14	6	10	13	11	9	4	4	9	9	7	5	5	5	5	5	4	0	0	0	8
18	0	0	0	0	0	0	0	1	4	6	12	****	****	****	24	18	13	10	1	8	9	11	16	13	7
19	8	18	15	0	0	0	****	****	****	****	****	12	20	17	22	25	29	36	29	16	20	22	5	19	16
20	25	17	17	17	7	3	4	5	9	26	33	41	44	36	18	13	19	6	1	0	0	0	4	4	15
21	2	2	15	21	22	24	23	24	15	13	14	22	28	29	31	45	41	41	32	35	16	14	12	12	22
22	13	12	22	15	6	1	0	0	4	****	13	18	22	18	14	18	18	25	25	7	6	15	9	11	13
23	17	20	18	14	9	2	0	2	2	****	****	****	****	****	5	6	6	5	2	3	3	2	4	4	7
24	4	2	0	0	0	0	0	0	3	8	5	9	14	16	15	14	13	12	8	9	14	15	4	6	7
25	15	18	0	0	0	0	0	0	0	2	3	8	10	11	5	6	10	2	4	6	8	2	0	0	5
26	4	8	11	13	6	3	1	3	3	3	6	6	6	5	5	5	5	4	1	1	1	0	0	0	4
27	0	2	2	1	0	0	1	8	15	16	18	20	20	19	16	16	11	8	3	3	0	0	0	0	7
28	0	0	0	1	1	1	0	4	5	7	9	11	14	16	20	24	27	24	13	0	0	0	0	0	7
29	0	0	1	1	0	0	0	2	6	14	****	22	22	23	23	23	22	16	11	2	3	1	0	0	8
30	0	0	0	0	0	0	25	5	5	8	12	22	27	19	17	24	26	21	19	14	2	8	3	0	11
MEAN	7	7	7	7	5	3	4	4	6	8	11	13	17	17	15	15	16	15	11	5	7	7	4	5	8.9

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	0	0	0	1	1	0	0	****	1	3	1	0	0	0	0	0	0	1	0	0	0
2	0	1	4	0	1	1	0	0	0	0	0	4	2	0	2	0	0	1	0	1	3	8	9	9	2
3	11	17	17	17	17	14	7	2	1	3	4	4	4	4	4	0	0	0	0	0	0	0	0	0	5
4	0	0	3	6	5	0	0	0	0	0	0	0	3	3	1	0	0	0	1	1	0	-	0	1	1
5	0	0	1	0	0	0	0	0	1	0	****	****	14	11	10	9	5	1	0	0	0	0	0	0	2
6	1	0	0	1	1	0	0	0	0	0	1	5	9	9	7	3	0	0	0	3	3	6	0	1	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	4	0
9	3	7	15	13	8	3	0	0	0	0	1	1	0	1	2	0	0	0	0	0	-	-	0	0	2
10	0	0	0	0	1	1	0	0	0	2	3	2	2	4	2	1	****	****	1	2	7	4	1	1	2
11	1	0	1	2	0	0	0	****	****	****	5	9	11	9	5	2	1	0	1	2	-	-	-	0	3
12	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1
13	1	1	1	5	4	6	5	5	7	6	9	8	11	9	7	7	4	2	1	1	1	3	4	5	5
14	10	8	12	12	12	16	16	12	18	15	16	16	16	16	13	13	5	1	0	0	1	1	4	7	10
15	9	14	16	17	10	5	1	1	1	1	2	0	1	0	1	1	0	1	****	1	0	1	1	0	4
16	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	4	6	4	2
17	6	3	3	8	7	5	1	1	1	1	1	3	4	3	1	0	0	2	1	3	****	1	0	1	2
18	0	5	3	1	1	1	1	1	1	2	2	4	7	7	2	1	1	****	4	2	2	-	-	-	2
19	5	3	4	11	19	15	4	1	1	0	4	17	-	-	3	1	1	1	0	1	1	1	0	1	4
20	3	3	6	9	11	7	1	0	1	1	2	4	8	7	6	3	1	2	1	1	1	5	7	7	4
21	8	6	6	5	8	8	7	5	6	9	10	11	11	10	8	5	2	2	1	1	1	0	1	0	5
22	1	1	1	1	1	1	1	1	1	0	2	1	0	1	1	1	0	1	7	7	7	3	1	1	2
23	1	0	1	0	1	1	1	1	1	1	0	1	2	1	****	1	1	0	****	1	1	0	1	0	1
24	0	1	1	0	1	1	0	1	0	2	4	5	7	9	8	8	6	7	8	8	10	11	5	6	5
25	8	7	10	8	10	7	5	4	3	5	5	3	6	10	14	2	1	0	1	0	1	1	1	1	5
26	1	3	7	13	12	10	8	6	9	10	10	9	8	9	8	5	3	1	1	1	1	1	1	0	6
27	1	1	1	0	1	1	1	1	0	0	1	2	1	0	1	1	0	0	1	1	1	1	0	0	1
28	1	1	1	1	1	0	1	1	0	1	1	3	5	6	3	2	1	1	1	1	0	1	1	0	1
29	0	1	1	****	1	0	1	1	0	1	0	****	0	0	1	0	0	0	0	1	1	1	1	1	1
30	4	8	8	10	10	10	6	1	1	3	5	4	5	4	3	1	1	1	1	1	1	1	1	1	4
31	0	1	1	1	1	1	1	1	1	1	0	0	1	1	3	2	1	1	1	0	1	0	2	-	1
MEAN	2	3	4	5	5	4	2	2	2	2	3	4	5	5	4	2	1	1	1	1	2	2	2	2	2.8

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.2	11	23
FEB	27	7.4	14	30
MAR	31	10.5	24	48
APR	30	11.0	24	43
MAY	29	15.3	35	102
JUN	28	17.7	46	107
JUL	24	16.2	33	80
AUG	19	8.5	23	47
SEP	30	8.9	23	62
OCT	27	5.7	21	41
NOV	27	3.8	9	29
DEC	31	2.8	10	19
YEAR	334	9.3	46	107

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	611	108	0	0	0	0	0	0	719
FEB	471	186	0	0	0	0	0	0	657
MAR	414	299	21	0	0	0	0	0	734
APR	370	268	30	0	0	0	0	0	668
MAY	364	221	82	29	3	1	0	0	700
JUN	342	229	56	42	11	1	0	0	681
JUL	277	197	79	27	0	0	0	0	580
AUG	317	109	23	0	0	0	0	0	449
SEP	462	201	32	1	0	0	0	0	696
OCT	547	110	9	0	0	0	0	0	666
NOV	599	60	0	0	0	0	0	0	659
DEC	677	40	0	0	0	0	0	0	717
YEAR	5451	2028	332	99	14	2	0	0	7926

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.2	0	0.0	1.5	4.9	10.4	22.3	31.7	45.0	55.8	107	9.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	7	5	8	9	12	12	10	10	9	8	11	11	11	9	7	6	5	5	7	7	8	5	8
2	1	0	0	1	2	2	1	0	0	2	2	1	0	1	1	2	2	4	5	11	14	14	12	9	4
3	15	13	14	17	18	16	10	1	4	10	13	16	18	17	13	10	6	0	0	0	0	0	0	0	9
4	2	0	0	0	0	1	1	0	0	0	1	10	18	18	17	18	20	22	23	24	23	23	22	20	11
5	21	6	1	2	3	3	4	7	7	7	7	15	15	13	10	10	7	2	3	8	12	13	10	5	8
6	6	6	3	2	3	3	1	1	3	8	12	16	20	20	19	17	18	18	18	15	9	7	3	4	10
7	5	4	3	0	1	5	6	9	10	9	10	11	11	9	9	9	7	7	7	8	9	9	9	10	7
8	12	12	12	14	15	14	10	9	8	9	10	11	13	11	10	8	5	5	3	4	6	9	11	12	10
9	11	11	9	11	11	10	9	6	4	4	7	9	13	13	12	13	10	8	9	9	8	8	6	2	9
10	1	2	4	4	3	0	0	0	0	6	17	16	13	15	16	10	7	13	18	16	14	10	2	1	8
11	2	0	0	1	0	0	0	0	2	6	6	4	3	1	0	1	3	7	10	12	12	14	12	13	5
12	13	13	16	17	18	18	17	17	16	16	17	18	17	17	17	16	15	13	13	11	11	12	10	9	15
13	0	2	5	4	0	13	7	11	12	14	16	18	17	17	18	19	10	11	3	1	6	6	1	2	9
14	2	3	3	5	6	4	2	0	0	0	2	2	2	6	3	4	5	3	0	1	1	1	2	0	2
15	3	5	10	3	2	0	0	0	0	2	5	11	19	19	19	18	17	19	22	22	21	20	20	16	11
16	19	19	19	19	18	18	17	14	15	14	13	13	16	16	18	17	18	17	14	14	14	11	9	4	15
17	1	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	3	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	3	9	6	6	7	2
19	9	9	12	16	17	17	16	14	14	14	13	10	12	10	9	8	6	5	9	3	12	13	11	17	12
20	18	19	20	20	22	22	19	20	20	20	22	22	22	20	20	18	11	9	10	10	12	9	11	12	17
21	16	16	16	16	19	18	13	10	9	12	13	16	13	14	12	11	7	2	0	0	0	0	0	0	10
22	3	6	7	10	13	14	9	3	3	5	4	****	4	5	4	4	4	5	7	9	10	9	5	6	6
23	8	10	15	17	17	16	12	7	10	13	17	17	18	17	16	16	13	12	16	19	19	19	18	19	15
24	21	22	22	22	21	20	13	11	9	11	14	17	18	19	20	19	13	9	7	0	2	3	2	2	13
25	1	0	0	0	0	0	0	0	0	1	3	9	12	10	8	5	3	0	0	0	0	2	2	1	2
26	5	13	14	13	13	14	12	12	10	12	15	17	18	16	14	13	12	11	13	10	10	14	16	16	13
27	14	13	14	17	18	21	21	18	17	18	19	20	21	21	18	18	19	16	16	13	8	9	12	11	16
28	5	12	15	15	16	14	12	5	7	14	16	16	17	19	18	17	12	10	10	10	10	9	8	11	12
29	10	7	6	4	5	6	5	0	1	3	6	15	16	13	13	12	12	12	9	4	7	6	6	3	8
30	3	12	17	15	17	14	6	6	9	14	22	23	25	27	27	25	16	13	14	17	20	19	18	12	16
31	16	18	19	20	20	19	17	14	12	19	22	22	23	25	24	21	17	12	13	15	15	15	19	20	18
MEAN	8	8	9	9	10	10	8	7	7	9	11	13	14	14	13	12	10	9	9	9	10	10	9	8	9.7

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	19	10	7	7	2	0	6	17	23	25	25	25	25	19	12	9	10	9	11	5	6	3	13
2	2	4	5	6	3	5	4	2	6	15	19	24	27	24	22	21	16	15	10	6	5	9	13	10	12
3	11	11	13	14	16	16	18	19	19	21	23	21	23	22	20	18	18	14	14	9	8	7	8	8	15
4	3	5	4	8	8	3	0	0	2	10	15	19	26	28	27	18	12	10	7	5	3	5	1	0	9
5	2	3	3	8	2	2	1	1	2	6	13	20	****	24	23	21	16	3	0	2	3	7	13	10	8
6	7	6	2	0	1	1	0	0	14	21	22	21	21	21	21	17	9	17	11	0	0	0	0	0	9
7	0	0	3	7	13	13	11	10	10	12	16	19	23	23	26	21	12	4	1	2	3	0	3	5	10
8	9	11	11	11	11	7	4	1	5	8	20	24	23	23	23	23	17	6	3	3	2	6	10	4	11
9	4	4	6	10	8	23	10	2	4	12	24	28	30	28	25	20	20	17	12	10	12	10	4	6	14
10	8	11	10	8	13	16	14	13	17	22	24	29	28	27	23	22	18	12	5	****	16	12	12	14	16
11	13	13	16	20	15	6	2	4	9	13	17	18	20	21	19	20	14	15	14	13	8	11	11	13	14
12	14	12	9	8	8	10	7	6	5	12	17	22	23	22	18	16	14	7	14	10	4	3	6	6	11
13	13	12	13	12	8	7	4	1	3	5	9	14	19	19	18	18	16	11	12	13	12	6	0	3	10
14	11	10	12	8	7	4	2	0	1	5	12	23	20	20	18	19	15	7	1	2	0	0	0	0	8
15	2	6	0	2	0	0	0	0	2	4	4	11	16	22	24	23	18	18	23	28	28	26	25	23	13
16	28	28	27	21	10	4	12	12	14	14	22	25	25	28	30	28	26	21	17	17	10	7	7	5	18
17	4	0	0	3	12	14	15	19	20	22	23	21	21	21	23	23	25	20	18	19	18	20	21	18	17
18	20	19	19	16	12	11	8	9	12	13	17	****	****	15	15	15	14	15	15	17	14	16	13	11	14
19	14	10	6	6	6	3	1	1	0	3	4	12	13	9	11	4	0	0	0	0	0	0	0	0	4
20	0	0	0	0	0	0	0	0	0	6	7	****	****	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	6	7	6	6	5	3	2	0	19	21	22	22	22	22	22	8
22	25	25	23	22	22	19	17	15	12	10	9	9	10	12	6	2	0	0	0	0	0	0	4	8	10
23	12	12	16	17	18	18	12	9	18	22	22	22	25	24	24	23	22	20	20	19	3	3	2	0	15
24	0	9	9	3	1	5	4	7	6	13	15	19	19	20	20	20	20	16	13	12	9	9	11	16	12
25	12	8	15	19	23	23	4	3	12	24	23	14	****	16	16	15	13	13	15	15	15	17	17	16	15
26	20	22	22	22	21	21	20	16	18	22	23	25	26	22	20	18	14	12	16	13	13	13	18	21	19
27	24	21	21	15	16	13	9	5	6	10	12	13	17	16	19	16	12	12	13	11	11	15	17	13	14
28	10	15	28	21	19	18	16	12	15	19	21	25	27	26	26	26	21	19	17	19	22	21	18	18	20
29	21	21	23	21	24	22	10	12	18	21	21	23	23	22	21	20	15	11	10	15	17	12	9	13	18
MEAN	11	11	12	11	10	10	7	6	9	13	17	20	21	20	20	18	14	12	11	10	9	9	9	9	12.4

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	5	3	0	0	2	18	19	21	22	25	31	30	29	29	25	23	17	****	12	7	4	5	15
2	3	6	5	0	4	8	6	10	18	17	18	27	29	29	29	27	24	18	5	8	9	8	9	6	13
3	8	11	9	12	5	4	1	2	6	11	13	14	****	22	20	18	16	15	20	20	20	18	17	18	13
4	21	18	18	18	16	12	8	8	12	17	14	17	17	20	20	19	18	11	5	4	3	10	0	2	13
5	0	7	2	6	2	1	9	14	9	11	8	6	2	1	1	****	14	17	17	19	18	17	20	21	10
6	23	26	26	27	21	22	15	14	16	21	24	26	28	****	24	23	19	19	17	15	9	8	5	3	19
7	0	1	5	0	0	0	0	1	2	10	18	20	22	24	27	22	17	13	24	26	28	23	23	21	14
8	22	18	18	21	22	19	19	19	16	20	23	23	8	4	13	16	22	27	29	24	19	17	18	22	19
9	26	28	28	27	28	28	28	29	30	31	32	32	33	37	43	43	35	33	32	30	29	27	19	6	30
10	12	15	21	24	23	17	8	6	9	14	16	18	20	18	18	11	8	8	10	11	19	25	23	23	16
11	26	26	27	26	25	24	22	19	16	18	20	22	22	22	22	21	19	17	17	18	20	20	19	18	21
12	22	23	23	21	18	23	13	15	21	20	20	30	30	31	32	20	16	13	18	27	20	20	20	23	21
13	26	25	23	23	23	23	22	23	23	24	23	22	23	25	23	23	22	21	19	20	21	20	19	19	22
14	18	16	19	19	19	14	2	0	1	5	11	14	19	22	23	22	20	19	18	15	17	20	19	15	15
15	20	25	25	27	28	27	23	23	24	28	27	26	28	29	29	31	31	26	12	13	7	5	8	4	22
16	1	1	1	14	27	26	26	25	25	27	27	28	26	27	29	29	28	28	29	27	28	36	26	24	24
17	26	30	21	31	17	7	0	0	0	2	6	4	8	9	5	6	3	2	1	8	10	14	17	19	10
18	21	22	23	25	25	24	20	17	16	19	19	19	22	22	22	23	23	24	21	18	11	14	14	16	20
19	18	16	10	9	7	4	6	4	10	13	15	17	20	18	13	13	0	3	1	6	7	5	0	0	9
20	0	1	4	1	1	2	1	1	2	7	12	19	26	26	29	33	31	19	21	18	17	24	37	30	15
21	25	18	9	7	14	16	19	12	3	11	11	9	****	4	11	16	16	16	16	18	20	20	21	21	14
22	25	25	25	26	26	25	25	26	26	26	25	25	24	24	22	24	24	23	21	21	19	5	7	14	22
23	15	6	10	14	16	12	7	9	24	25	22	17	13	15	10	10	12	9	13	22	24	22	22	24	16
24	25	23	22	23	30	32	25	19	17	20	20	20	23	24	17	17	18	19	20	9	5	1	7	12	19
25	18	18	13	17	13	14	13	12	10	13	14	12	15	15	16	17	12	12	13	14	13	10	7	8	13
26	13	12	13	11	12	17	1	5	16	19	19	20	22	22	23	25	20	20	16	3	4	4	11	14	14
27	14	13	13	11	10	7	0	1	4	6	8	11	18	22	25	28	30	28	25	21	19	24	29	27	16
28	18	7	5	10	4	0	1	3	4	9	11	20	22	24	27	27	24	26	18	11	4	0	6	7	12
29	9	10	13	15	22	26	29	29	25	22	21	21	22	22	23	25	27	28	28	24	21	0	3	6	20
30	11	14	16	21	22	20	20	20	22	22	28	32	33	32	30	31	33	34	33	32	31	29	32	32	26
31	31	31	31	30	31	30	29	27	25	25	26	27	26	26	26	24	24	26	27	26	26	24	23	23	27
MEAN	16	16	16	17	16	16	13	13	15	17	19	20	22	22	22	23	21	19	18	18	17	16	16	16	17.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	11	0	1	8	8	4	6	11	18	22	23	24	26	27	16	23	27	25	11	0	0	0	14
2	0	1	0	0	0	0	0	4	1	1	4	****	11	14	22	23	15	16	15	3	6	7	3	6	7
3	13	15	13	16	15	14	5	5	16	15	25	28	29	29	28	30	31	31	31	31	31	32	35	34	23
4	34	34	29	31	29	22	6	11	13	12	12	9	10	11	13	16	20	22	22	22	23	23	24	23	20
5	24	27	28	28	27	27	26	24	23	23	23	23	25	27	28	28	29	29	25	10	3	1	1	2	21
6	1	4	6	9	12	16	18	25	27	26	28	32	34	33	32	32	34	34	32	29	26	25	23	22	23
7	23	25	27	32	31	19	5	7	20	24	25	24	27	27	29	29	31	26	28	18	14	8	26	29	23
8	31	21	26	14	17	24	13	20	27	35	36	****	39	41	34	17	21	27	28	26	31	19	26	37	27
9	39	26	27	31	22	6	12	8	10	22	30	23	24	25	20	14	12	26	21	28	27	15	11	11	21
10	17	18	21	21	20	17	13	11	9	10	6	8	14	14	13	9	10	10	11	11	11	11	11	10	13
11	10	10	11	11	11	11	8	7	6	8	10	10	10	12	12	16	18	17	9	0	0	2	1	2	9
12	0	6	8	10	9	12	10	5	7	6	7	8	7	15	18	14	16	27	20	17	16	17	16	12	12
13	14	18	20	25	25	21	21	21	21	21	22	22	23	26	28	26	25	21	18	11	10	12	14	11	20
14	6	8	6	12	14	14	14	16	16	16	17	17	18	20	22	20	21	21	22	13	8	3	15	19	15
15	18	18	19	18	19	18	14	13	14	14	14	13	13	12	11	10	9	8	6	8	11	10	11	15	13
16	15	16	19	21	22	25	25	24	29	29	31	31	32	32	32	30	32	32	29	15	14	14	7	2	23
17	8	6	9	5	2	3	4	9	15	23	26	28	32	33	29	29	26	20	18	19	17	26	28	25	18
18	28	28	26	19	10	9	4	5	5	9	18	23	26	38	38	40	38	31	13	10	4	3	9	10	19
19	6	7	0	0	0	0	1	7	15	12	17	24	35	30	31	45	57	59	48	29	34	45	48	47	25
20	50	43	30	42	37	36	38	39	36	36	42	49	54	58	57	56	58	54	43	23	7	15	26	27	40
21	33	21	16	14	11	13	10	16	22	28	28	28	25	35	25	33	34	31	32	30	13	8	0	2	21
22	0	0	2	0	6	8	10	20	26	29	29	31	31	34	33	31	31	29	27	28	31	28	25	25	21
23	25	22	28	28	26	23	22	22	21	24	28	31	34	38	43	43	39	23	27	20	17	15	18	15	26
24	2	14	12	1	3	19	8	18	21	22	22	24	20	20	36	38	37	40	38	33	28	30	26	16	22
25	17	13	9	11	11	11	7	0	1	11	19	10	****	25	22	20	21	19	10	8	3	1	0	0	11
26	0	0	0	0	0	1	3	5	10	20	22	25	27	27	29	32	31	34	35	31	23	4	7	8	16
27	5	1	4	6	7	8	8	8	10	13	23	25	30	31	32	34	35	37	38	36	36	36	37	40	23
28	41	40	40	37	34	27	22	24	26	24	22	22	22	19	19	18	17	18	21	23	23	23	23	21	25
29	23	23	23	22	23	22	21	21	22	23	****	24	25	25	23	23	24	24	24	17	4	14	17	13	21
30	12	17	19	20	17	13	9	4	14	15	18	23	25	30	31	35	44	46	47	42	33	37	5	3	23
MEAN	17	17	16	16	15	15	12	13	16	19	21	23	25	27	27	27	28	28	26	21	17	16	16	16	19.8

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	8	13	8	3	1	4	9	10	16	26	31	36	34	31	29	12	8	6	1	0	0	5	12
2	7	4	0	0	0	0	0	1	5	12	17	****	55	55	52	44	34	22	11	19	14	12	10	9	17
3	16	18	19	17	16	15	17	18	22	23	25	35	40	41	46	54	49	40	37	24	11	12	8	16	26
4	26	26	18	16	17	13	16	20	21	26	38	46	50	47	41	35	34	30	22	14	13	10	8	13	25
5	22	23	27	27	23	16	14	16	25	31	39	47	53	51	48	48	48	47	41	38	38	46	40	31	35
6	28	21	17	20	15	6	2	7	17	20	32	35	39	41	41	40	37	21	11	24	17	10	22	17	23
7	14	16	18	27	28	8	14	18	21	19	12	12	12	12	10	11	10	11	9	8	7	6	7	5	13
8	7	4	2	6	6	7	6	9	15	16	17	16	17	13	9	9	11	11	10	11	12	13	13	13	11
9	11	16	16	14	8	6	7	12	16	18	20	20	20	20	20	19	18	17	17	13	11	8	8	7	14
10	3	2	2	4	4	4	8	15	22	26	28	34	42	45	46	50	50	48	38	35	45	34	20	1	25
11	3	31	49	48	47	45	36	22	38	39	44	44	35	36	37	37	38	37	38	33	26	9	11	11	33
12	14	11	3	6	15	16	17	22	24	28	32	34	36	36	34	34	35	34	29	17	16	7	10	12	22
13	0	12	14	5	8	13	16	17	18	17	20	28	38	41	44	44	42	44	46	19	36	29	25	27	25
14	21	13	14	25	27	29	22	21	26	24	20	25	31	20	12	11	14	22	21	6	1	0	5	9	17
15	13	13	14	14	10	4	7	8	8	11	16	23	29	27	25	26	25	24	21	14	3	5	2	8	15
16	8	5	8	1	0	0	3	7	15	17	28	35	34	32	32	34	39	45	45	19	0	0	0	0	17
17	0	0	15	6	0	2	7	18	26	27	31	33	34	38	44	45	47	41	27	48	54	50	44	46	28
18	49	49	50	50	51	51	49	45	29	24	27	25	28	32	35	38	35	32	33	33	22	20	21	28	35
19	30	28	26	25	23	18	22	31	41	39	38	42	52	53	53	64	63	52	48	23	1	14	24	21	35
20	17	19	16	12	9	5	13	25	27	28	27	27	29	29	31	34	34	34	31	26	27	30	31	32	25
21	37	34	25	23	24	9	11	9	15	16	22	34	41	47	45	22	28	35	32	20	18	20	18	23	25
22	30	32	31	29	21	13	10	10	19	30	48	58	59	57	53	57	60	71	64	38	20	20	28	37	37
23	44	46	46	43	35	13	8	8	12	20	31	46	61	83	106	115	112	101	82	70	2	0	5	7	46
24	0	3	3	0	19	39	45	38	38	31	40	54	90	88	83	78	74	69	42	15	2	0	5	26	37
25	****	****	****	****	****	17	19	21	25	30	35	39	42	45	46	46	46	43	35	32	28	26	26	27	33
26	28	28	28	29	28	24	21	21	25	29	35	37	41	43	44	42	37	35	27	17	21	4	8	12	28
27	15	12	8	3	4	4	2	5	20	20	18	17	****	14	15	18	21	19	12	2	0	0	5	0	10
28	1	3	0	3	2	0	1	2	7	18	23	26	30	37	41	40	39	38	34	29	7	4	0	16	17
29	30	22	33	27	10	6	22	23	23	25	30	34	39	40	42	42	43	46	47	38	29	18	18	19	29
30	12	23	28	18	19	13	24	32	36	38	37	39	43	44	51	50	47	46	42	21	25	28	31	34	33
31	30	29	31	31	27	26	26	24	28	34	41	43	41	42	36	23	21	22	22	18	15	12	9	10	27
MEAN	17	18	19	18	17	14	15	17	22	24	29	34	40	40	41	40	39	37	32	24	17	14	15	17	24.9

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	16	18	16	16	16	15	16	16	16	16	17	22	21	19	20	24	26	26	25	27	25	14	14	19
2	22	26	27	28	27	21	19	21	24	23	22	23	28	28	34	29	42	33	21	9	24	34	34	31	26
3	29	22	17	22	25	16	13	10	7	7	13	18	25	23	27	27	28	26	20	17	11	6	10	20	18
4	13	12	9	18	19	18	16	17	24	29	30	32	37	37	32	37	38	38	35	21	0	0	11	15	22
5	19	22	24	24	23	16	13	11	17	19	24	30	42	43	45	45	53	69	82	59	40	37	23	9	33
6	27	15	9	18	17	17	15	5	25	22	8	14	30	31	18	24	32	34	8	3	2	1	3	2	16
7	9	22	23	23	25	27	28	26	27	47	47	46	50	53	47	21	18	32	44	40	23	13	22	34	31
8	21	26	32	36	30	13	10	11	11	13	19	14	13	11	14	20	21	19	16	11	10	5	3	7	16
9	10	8	6	3	0	0	3	6	12	18	20	****	21	25	26	26	24	25	20	19	10	8	5	6	13
10	9	7	6	6	7	4	4	5	6	8	10	12	16	20	26	23	19	17	16	15	14	0	7	7	11
11	14	17	17	14	9	6	8	10	23	25	26	26	25	24	21	21	20	27	29	24	4	1	0	0	17
12	0	0	0	0	0	0	1	4	6	10	18	26	39	39	41	30	29	45	41	23	25	25	17	15	18
13	17	25	29	35	29	20	15	14	18	23	****	53	63	60	56	57	53	52	50	40	14	11	17	16	34
14	19	36	60	62	56	35	26	30	38	53	67	74	83	78	74	68	64	54	49	39	32	25	13	18	48
15	28	35	36	35	40	45	47	44	41	45	47	54	53	24	11	9	9	10	11	11	8	8	7	2	28
16													- DATA INVALID -												
17	****	****	****	****	****	****	****	****	****	****	****	****	****	34	32	28	29	13	13	12	25	29	31	30	24 ******
18	27	23	25	30	25	19	16	16	19	30	42	50	54	55	48	36	38	44	40	37	32	28	11	4	31
19	13	12	10	10	10	7	9	19	21	23	24	23	36	39	43	47	50	50	36	30	28	39	21	32	26
20	31	31	32	19	19	20	18	17	18	20	23	18	17	14	17	19	21	17	15	10	6	6	9	10	18
21	16	13	18	20	22	20	19	19	21	25	27	34	40	43	37	34	31	30	31	4	7	8	7	1	22
22	4	1	8	9	11	13	16	19	26	30	34	42	56	57	59	62	60	56	48	39	28	23	2	15	30
23	39	46	45	43	45	42	31	30	28	31	42	50	58	70	82	76	71	70	80	73	24	3	2	12	46
24	45	52	12	6	10	10	30	38	54	73	67	****	84	102	100	108	110	118	110	63	56	32	54	48	60
25	55	52	52	50	35	23	22	24	37	50	74	****	101	95	92	89	80	51	50	36	17	12	12	19	48
26	42	44	59	64	64	48	34	32	33	45	53	62	64	66	69	73	73	73	71	58	44	67	44	0	53
27	43	13	23	23	15	23	20	18	21	21	23	32	34	35	40	36	49	45	23	17	12	10	8	6	25
28	6	5	16	18	19	18	17	14	15	16	16	13	19	20	23	28	28	29	29	26	26	28	28	16	20
29	5	7	8	15	21	18	15	20	20	20	25	27	28	28	28	29	32	31	28	25	25	2	17	19	21
30	21	23	21	19	17	14	14	16	17	****	17	23	35	34	31	29	29	27	23	15	15	10	11	13	21
MEAN	21	22	23	24	23	19	18	18	22	27	31	33	42	42	41	40	40	40	37	28	20	17	15	14	27.4

PERCENTAGE OF DATA VALID - 94.3 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	12	12	11	8	8	7	7	14	25	31	36	39	45	46	45	50	54	37	34	40	42	41	46	29
2	51	43	42	41	31	7	4	16	31	32	35	46	53	57	62	68	71	72	66	46	47	16	3	2	39
3	3	2	1	3	10	7	6	9	15	20	44	42	42	42	36	38	48	58	58	19	0	0	0	0	21
4	2	12	17	17	19	16	14	23	34	52	62	70	84	110	104	112	82	61	71	65	34	37	3	19	48
5	17	14	2	7	11	18	25	28	45	55	52	49	42	45	52	50	45	43	44	32	19	23	28	28	32
6	30	29	27	27	28	26	24	22	22	26	28	30	32	36	39	35	34	32	30	17	4	0	0	0	24
7	0	0	0	2	1	0	1	2	5	20	26	33	34	33	33	26	23	35	56	55	40	41	44	38	23
8	39	39	37	30	24	23	20	13	22	25	****	38	43	42	49	65	44	33	31	24	10	10	10	5	29
9	7	7	8	5	2	1	0	1	3	15	28	32	27	22	28	18	19	38	52	36	11	4	10	3	16
10	0	0	0	0	0	0	0	1	4	14	31	64	83	88	71	52	45	44	51	44	33	41	36	34	31
11	41	46	43	41	38	35	25	18	22	38	44	45	42	42	40	39	42	35	31	18	15	8	2	7	32
12	19	15	14	14	7	3	4	10	21	26	35	39	31	28	25	24	20	29	****	7	7	2	2	**	**
13	0	0	0	11	18	16	11	17	20	28	39	36	31	35	47	52	56	54	32	34	18	14	8	4	24
14	1	0	0	0	0	0	1	4	16	28	40	46	48	48	46	60	43	47	47	43	37	29	14	15	26
15	9	27	48	41	46	38	26	21	17	13	17	28	54	72	70	57	31	32	34	38	50	41	32	26	36
16	31	31	29	25	20	12	9	15	22	31	34	31	36	38	49	56	68	75	77	71	56	47	31	25	38
17	32	46	46	39	33	22	20	21	28	31	38	40	37	34	32	32	32	34	32	35	11	19	18	11	30
18	2	2	2	2	2	0	0	6	13	19	36	42	49	46	35	30	31	30	30	30	29	29	30	10	21
19	5	9	27	17	17	13	8	17	21	37	51	56	70	74	77	78	53	60	59	****	4	7	1	0	33
20	0	0	10	23	23	21	23	24	25	28	44	48	54	52	47	27	53	55	40	22	24	56	60	62	34
21	60	58	52	51	47	15	18	24	30	38	43	43	52	53	54	51	43	31	27	22	18	16	13	14	36
22	30	36	16	36	5	4	3	10	1	7	10	18	27	26	28	29	17	7	11	21	13	10	5	1	15
23	0	6	7	8	10	11	8	11	16	19	20	23	25	24	23	23	26	27	24	10	8	2	0	0	14
24	0	2	4	2	4	2	3	5	7	14	21	27	30	32	39	45	31	30	25	18	12	14	8	12	16
25	7	9	10	11	9	4	2	9	16	22	34	45	49	50	53	50	50	48	39	30	28	27	20	28	27
26	26	30	34	38	38	30	22	21	24	31	31	31	37	37	37	36	34	40	40	31	32	36	13	5	31
27	10	19	22	8	7	5	7	28	36	40	43	46	48	51	49	52	56	54	44	43	34	44	48	50	35
28	37	38	36	29	39	35	32	23	21	20	18	****	10	10	12	22	26	36	29	23	18	17	16	13	24
29	16	19	2	22	18	3	6	15	26	30	37	42	44	37	39	39	31	27	11	1	13	1	0	0	20
30	0	0	3	2	9	4	6	11	16	23	26	27	26	26	23	20	22	23	13	1	0	0	0	1	12
31	2	4	2	0	0	0	0	2	1	6	13	29	36	53	50	53	56	59	59	50	52	59	54	30	28
MEAN	16	18	18	18	17	12	11	14	19	26	34	39	43	45	45	45	42	42	40	31	23	22	18	16	27.2

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	20	17	3	10	0	1	5	26	43	47	42	44	44	46	46	40	35	26	3	7	35	57	45	28
2	40	****	****	****	****	****	****	****	****	****	****	****	43	42	31	30	****	****	****	****	****	****	****	****	******
3	****	****	****	****	****	****	14	19	23	28	38	44	47	45	41	37	34	27	24	13	9	6	1	0	25
4	0	1	0	0	0	0	3	5	9	41	44	58	56	58	54	62	59	46	37	30	26	26	24	17	27
5	17	7	4	5	4	0	0	3	7	9	18	25	25	28	37	47	54	56	44	35	21	20	22	22	21
6	21	22	23	25	23	15	12	17	29	38	47	50	47	46	46	47	42	37	26	5	31	36	32	30	31
7	24	25	26	25	20	9	8	21	29	34	40	46	****	****	44	43	44	58	64	60	34	11	28	37	33
8	36	32	28	19	12	10	12	26	35	41	46	49	29	20	44	58	47	48	41	35	26	20	29	35	32
9	30	31	27	28	32	32	28	28	29	32	37	47	52	36	32	35	29	24	28	11	12	8	6	7	28
10	10	12	14	12	9	8	9	13	20	24	25	26	26	27	28	29	26	27	22	20	23	23	21	23	20
11	3	7	3	0	0	0	0	1	6	18	24	28	37	38	38	38	40	41	39	36	34	34	27	12	21
12	8	3	1	3	4	4	6	13	17	19	****	26	28	28	26	25	25	26	14	10	12	15	10	5	14
13	5	7	5	5	4	2	3	6	9	11	18	25	38	37	31	20	18	34	22	17	9	7	7	4	14
14	6	5	12	19	20	8	3	9	20	23	24	22	25	27	38	40	40	36	26	5	4	8	20	31	20
15	28	21	23	22	15	8	7	10	18	22	23	23	23	22	22	37	47	36	13	9	6	11	11	6	19
16	6	4	5	12	15	11	12	14	15	16	19	21	28	34	42	47	48	45	28	8	7	8	7	7	19
17	4	2	1	1	2	2	5	10	14	24	27	28	36	44	51	45	38	37	30	27	24	20	10	2	20
18	6	6	9	15	17	16	13	10	7	7	****	12	20	14	11	20	31	32	21	23	11	2	0	17	14
19	35	42	41	29	17	15	11	14	28	44	58	72	78	77	72	66	51	30	34	42	8	5	3	0	36
20	0	2	0	0	3	3	2	6	14	32	29	29	40	60	53	51	47	45	45	44	44	43	41	42	28
21	47	49	48	32	36	35	31	30	35	38	39	52	52	54	66	59	49	47	46	45	36	18	10	26	41
22	34	21	26	39	46	33	21	10	10	19	14	11	17	25	39	44	45	43	41	46	41	14	6	16	26
23	5	2	28	34	27	6	3	18	24	41	44	63	79	94	89	76	85	92	91	****	17	8	9	10	41
24	13	11	10	2	5	6	8	19	20	38	40	47	47	46	44	37	34	39	18	14	3	0	0	0	20
25	0	0	0	0	0	0	0	1	3	9	24	88	55	53	69	76	90	99	51	27	26	8	13	30	30
26	31	32	30	26	23	17	12	13	23	35	****	49	57	64	68	61	57	59	54	48	45	49	47	38	41
27	52	47	47	37	37	23	14	12	24	34	42	61	62	63	63	65	71	73	54	46	46	41	37	28	45
28	24	24	17	20	21	21	16	15	14	14	12	11	8	13	14	14	16	20	21	23	24	20	22	23	18
29	17	8	8	14	12	7	4	27	27	28	30	33	51	51	49	43	48	46	41	29	27	9	5	7	26
30	2	0	0	0	0	0	0	3	6	17	29	29	27	29	34	47	47	62	50	45	53	39	30	27	24
31	39	31	30	28	27	26	23	22	20	22	29	33	42	41	45	41	41	40	29	15	8	15	24	29	29
MEAN	19	16	17	16	15	11	9	13	19	27	32	38	41	42	44	45	45	44	36	27	22	19	19	19	26.5

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	38	38	38	36	34	23	25	27	30	33	26	27	33	31	36	47	50	51	39	29	22	17	16	20	32
2	27	31	27	24	17	7	3	2	0	3	4	14	16	18	27	26	21	16	9	4	4	3	2	3	13
3	3	6	11	8	5	3	8	9	16	22	29	****	38	45	48	46	42	39	23	21	2	0	0	0	18
4	0	0	0	2	2	0	0	4	17	23	31	37	57	62	57	52	60	56	51	27	18	18	23	25	26
5	27	29	25	17	14	8	3	9	17	24	27	****	31	27	26	27	26	19	10	6	7	10	5	13	18
6	13	18	19	21	20	9	9	9	16	30	42	49	63	69	46	25	19	18	9	9	7	0	0	0	22
7	0	3	4	9	12	8	9	15	15	21	25	27	33	38	40	37	27	21	9	0	2	3	2	7	15
8	9	10	10	6	5	3	0	0	5	14	15	19	27	28	32	35	35	37	37	26	8	0	0	0	15
9	6	5	0	12	7	4	0	2	8	21	****	34	37	38	32	25	10	8	10	12	12	11	11	11	14
10	10	11	12	12	12	7	4	5	13	19	20	21	19	18	17	19	16	14	7	1	2	3	7	8	11
11	7	13	13	12	10	3	3	7	14	17	19	28	29	32	32	28	26	26	23	17	13	14	19	11	17
12	11	10	3	4	0	5	7	3	10	9	11	****	16	17	16	15	14	14	10	3	0	0	0	14	8
13	11	8	8	12	13	10	6	2	7	7	6	7	2	10	9	2	4	9	5	3	7	8	4	14	7
14	8	9	1	7	0	0	0	3	13	21	32	36	29	29	21	23	15	10	9	9	5	5	4	5	12
15	6	6	6	6	6	2	1	2	4	7	11	17	32	39	43	31	28	26	24	2	0	0	0	0	12
16	0	7	9	7	0	0	0	0	0	2	****	7	8	9	15	17	21	12	12	16	11	15	11	17	9
17	15	18	15	11	13	8	8	11	12	16	16	14	19	20	22	18	19	18	10	6	5	7	12	12	14
18	11	12	12	13	14	10	2	2	9	19	22	25	32	36	32	29	25	25	22	4	1	0	0	0	15
19	5	8	18	14	9	7	1	3	15	20	20	25	28	30	39	32	41	40	48	12	1	0	0	0	17
20	0	0	0	2	0	0	1	6	14	23	31	38	37	40	42	39	35	25	****	3	23	18	11	9	17
21	3	13	24	27	29	29	27	28	29	33	30	31	34	49	55	56	55	50	38	32	34	32	32	29	33
22	23	22	11	16	12	2	1	0	2	6	9	12	18	13	20	34	35	33	30	21	16	4	8	19	15
23	24	30	20	15	10	5	1	3	6	9	11	****	15	16	17	15	15	13	6	5	7	9	8	14	12
24	12	12	10	3	2	0	0	0	7	13	18	24	23	24	27	27	26	25	25	26	23	22	16	10	16
25	1	2	2	0	0	0	0	0	0	0	3	10	14	18	19	12	14	19	18	13	15	20	14	20	9
26	22	19	20	22	16	10	5	4	5	7	8	****	10	10	11	11	10	8	6	3	0	1	1	0	9
27	0	0	0	0	2	1	0	5	9	15	18	20	19	18	17	17	18	18	14	5	3	0	0	0	8
28	1	2	3	3	0	0	0	5	14	17	20	21	22	23	26	28	28	28	27	9	0	0	0	0	12
29	0	0	0	0	2	0	0	0	4	13	20	28	32	32	34	35	37	37	28	0	0	0	0	0	13
30	0	0	0	0	0	0	1	2	7	12	14	****	29	32	29	27	22	23	6	5	2	0	0	3	9
MEAN	10	11	11	11	9	5	4	6	11	16	19	24	27	29	30	28	27	25	19	11	8	7	7	9	15.0

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	26	20	21	17	10	4	4	9	17	20	21	21	27	36	39	38	34	28	31	12	1	0	7	19
2	30	30	27	22	22	19	15	12	10	9	12	17	20	20	20	13	3	2	0	0	0	0	0	0	13
3	2	3	0	0	0	0	9	5	7	14	****	12	11	9	12	15	17	17	21	13	13	11	12	9	9
4	1	5	7	2	3	1	0	4	2	4	5	6	8	8	8	7	6	4	5	4	6	6	6	5	5
5	8	4	7	9	10	5	6	7	12	13	15	15	15	15	10	7	4	1	0	0	0	0	0	0	7
6	0	1	4	6	4	1	0	2	5	9	11	14	13	13	10	10	7	5	1	6	10	9	7	14	7
7	10	7	11	4	0	0	0	2	4	7	11	****	31	26	25	19	9	4	0	0	0	0	0	0	7
8	1	12	13	14	9	6	9	11	18	22	25	27	27	30	34	31	22	8	1	14	12	4	9	10	15
9	7	9	9	8	8	6	2	3	7	12	12	13	20	26	25	24	24	22	13	0	0	0	2	3	11
10	5	4	3	1	0	0	0	4	11	15	20	23	23	25	27	26	27	32	9	0	1	1	0	0	11
11	0	0	0	0	2	2	3	5	6	5	5	3	5	8	9	8	7	7	5	4	4	4	2	2	4
12	2	6	9	11	13	12	10	6	7	9	8	9	11	9	9	9	10	10	7	6	5	5	4	3	8
13	5	4	7	11	14	11	11	14	13	12	14	15	14	13	13	15	12	9	6	3	1	2	4	3	10
14	9	7	6	6	4	0	0	0	4	11	13	14	13	12	11	8	1	1	4	1	0	1	1	1	5
15	4	1	0	0	0	0	1	3	7	14	14	12	13	12	12	12	12	11	11	11	12	9	11	10	8
16	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	7	4	0	0	0	0	0	0	4
17	0	0	0	0	0	0	1	1	4	5	5	6	6	10	21	22	16	1	1	8	22	22	19	14	8
18	20	22	20	16	14	12	10	11	12	13	16	16	20	20	20	20	19	15	13	13	11	11	12	13	15
19	13	12	17	17	17	15	15	15	11	11	12	10	10	8	9	11	11	10	8	7	4	4	3	3	11
20	4	7	9	2	3	2	2	3	0	3	7	9	11	****	11	11	6	1	1	3	5	2	2	3	5
21	6	8	11	13	15	8	4	1	7	9	12	13	13	10	12	11	10	7	1	3	1	0	1	1	7
22	0	2	3	7	5	2	1	0	0	6	7	9	11	10	11	12	11	4	4	2	1	0	0	0	5
23	3	0	1	2	1	0	0	0	1	15	17	17	19	19	19	19	18	18	19	20	20	19	15	16	12
24	17	16	14	14	14	14	10	8	10	14	14	15	17	18	18	16	17	17	7	3	4	9	11	13	13
25	14	12	10	11	16	19	18	14	15	15	14	11	11	4	0	2	2	4	4	2	4	7	8	9	9
26	11	10	9	10	10	9	11	10	10	10	11	14	13	14	13	13	12	12	13	10	11	13	15	15	12
27	15	18	20	18	18	16	13	11	9	12	13	14	14	14	10	10	6	2	0	0	0	0	2	2	10
28	0	2	0	0	0	0	0	0	0	6	18	18	****	13	16	16	12	8	6	9	11	16	12	12	8
29	13	13	12	9	9	10	5	1	1	10	10	11	12	10	7	4	5	4	4	4	2	2	1	2	7
30	1	1	2	2	7	9	6	4	5	11	16	17	19	18	17	15	13	10	11	13	13	13	14	16	11
31	13	11	11	10	10	9	6	5	5	6	7	9	12	14	16	15	12	6	3	5	5	3	5	11	9
MEAN	7	8	9	8	8	7	6	5	7	10	12	13	15	15	15	14	12	9	7	6	6	6	6	6	9.1

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	9	8	14	17	16	14	12	11	13	11	12	12	13	12	13	12	10	13	5	6	7	7	4	11
2	7	6	4	16	20	22	20	17	15	18	20	22	21	20	18	14	9	2	0	0	0	1	1	1	11
3	1	2	12	17	0	0	0	4	6	7	4	1	2	1	1	1	0	0	2	2	1	3	4	5	3
4	14	17	4	6	15	21	17	11	9	8	8	10	****	4	1	1	3	3	5	5	9	9	8	9	8
5	11	12	13	15	14	9	1	0	1	13	12	12	14	12	10	9	6	3	4	0	0	0	0	0	7
6	0	0	2	6	6	6	3	2	3	4	7	12	11	9	9	10	7	7	9	10	10	9	8	7	7
7	10	10	9	9	9	7	1	0	0	5	6	8	13	12	12	10	10	1	0	0	5	9	11	12	7
8	10	13	14	15	16	17	19	17	16	18	18	18	21	24	24	25	24	23	23	13	13	12	2	0	16
9	0	0	0	2	4	4	1	0	0	11	15	14	12	13	13	12	11	6	5	4	5	5	7	9	6
10	13	14	16	17	16	19	16	7	6	14	16	17	18	17	17	16	14	13	15	19	20	16	16	15	15
11	17	17	19	20	22	23	22	20	16	18	20	20	18	15	19	19	16	12	9	7	11	12	10	10	16
12	16	15	19	13	16	3	3	6	11	16	18	17	16	16	13	7	1	1	2	2	0	0	1	0	9
13	0	0	0	0	0	0	0	0	2	2	4	5	7	6	4	4	1	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	2	6	13	14	****	14	12	8	6	2	0	0	0	1	1	2	4
15	1	1	3	6	8	8	4	1	0	3	4	6	10	8	9	3	3	4	3	2	2	6	8	7	5
16	6	6	8	9	8	6	5	5	13	17	18	24	24	23	20	19	16	13	9	0	0	0	0	0	10
17	0	0	0	0	0	2	0	0	2	16	17	21	19	20	20	17	14	11	10	13	13	13	0	0	9
18	0	4	9	11	12	13	13	5	6	11	14	16	17	17	15	13	9	6	10	11	13	16	17	17	11
19	13	14	14	11	5	3	4	3	5	9	11	9	5	5	3	1	3	5	6	3	1	0	0	0	6
20	0	0	0	0	0	0	0	0	1	3	5	6	9	9	9	6	4	5	5	5	4	6	8	7	4
21	10	9	6	0	0	0	1	1	2	3	3	4	****	3	3	3	3	5	6	8	9	10	10	7	5
22	7	7	8	11	12	9	6	2	3	6	8	10	11	13	12	10	6	4	6	7	5	7	5	4	7
23	4	5	6	7	5	5	1	2	3	3	4	3	3	3	3	3	1	6	7	2	1	0	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0
25	8	13	15	16	16	16	6	6	5	5	6	9	****	10	10	12	13	5	0	0	0	0	0	5	8
26	4	4	7	7	4	2	1	0	0	1	4	8	****	10	9	8	5	0	0	0	0	1	3	2	3
27	1	0	2	3	3	11	10	10	12	16	16	15	14	12	14	16	16	16	17	18	17	15	15	17	12
28	14	14	15	14	14	15	11	5	5	0	0	1	1	2	2	3	2	1	0	1	1	3	2	2	5
29	1	0	0	3	10	15	14	11	9	9	10	10	13	13	13	12	10	10	5	5	6	10	11	10	9
30	11	11	10	8	8	8	9	9	9	13	13	12	11	11	10	6	1	1	4	7	8	7	6	8	8
MEAN	6	7	7	9	9	9	7	5	6	9	10	11	12	11	11	9	8	6	6	5	5	6	5	6	7.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	10	7	2	1	0	0	0	1	2	5	11	8	2	2	3	2	0	0	0	0	0	3	3
2	5	4	4	6	5	2	0	0	0	0	5	10	11	6	6	8	1	5	3	5	11	13	16	19	6
3	22	22	23	23	24	24	24	13	13	17	22	24	27	18	18	14	13	14	16	13	12	14	6	3	17
4	11	15	13	12	15	15	13	1	2	3	5	11	24	24	26	26	24	2	0	0	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	11	21	24	****	24	25	26	26	27	8	0	0	0	0	8
6	0	0	0	0	0	0	0	0	0	0	12	22	25	24	24	24	25	20	19	15	8	4	0	0	9
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	2	5	8	9	9	9	4	0	0	1	2	5	11	12	11	4
9	10	17	19	16	15	10	4	0	0	1	4	11	****	18	16	12	4	3	1	0	2	3	2	1	7
10	1	1	5	10	13	11	7	5	5	6	10	11	13	12	11	9	7	6	8	11	13	17	18	15	9
11	15	14	11	10	7	5	6	3	1	7	10	14	15	15	11	11	7	7	5	4	5	5	6	6	8
12	6	6	2	0	2	3	1	0	****	1	2	1	0	0	7	44	23	6	0	0	0	1	2	3	5
13	5	4	5	5	5	8	11	12	11	11	10	13	16	16	13	15	14	3	6	7	10	20	21	12	13
14	9	9	10	11	11	11	14	14	12	13	14	16	20	19	19	19	16	13	15	11	7	11	11	14	13
15	16	17	17	15	15	15	12	3	2	4	6	8	6	4	4	4	2	1	0	0	0	0	0	0	6
16	0	0	0	0	0	0	0	0	2	2	7	9	14	15	15	13	5	2	5	5	9	9	10	11	6
17	13	15	16	18	18	15	10	4	0	5	9	6	9	****	10	10	8	8	8	4	6	8	9	6	9
18	8	6	5	4	3	2	1	1	5	8	10	12	14	14	13	12	10	8	10	12	10	11	12	13	9
19	10	11	14	19	20	19	18	12	9	15	18	19	18	****	11	8	2	2	6	7	8	9	8	9	12
20	9	8	9	10	10	11	12	7	9	13	13	14	16	18	18	15	13	8	6	9	7	8	10	10	11
21	8	10	12	12	10	11	10	9	8	10	11	13	15	15	15	15	10	6	6	5	2	1	3	1	9
22	3	3	4	5	5	1	0	0	0	0	2	2	4	1	0	0	0	0	11	9	2	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	2	4	4	3	4	4	4	2	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	2	8	18	19	19	18	18	18	17	18	19	18	16	15	13	10
25	16	16	16	16	17	17	16	12	6	9	15	16	17	16	15	15	17	17	14	11	12	10	5	3	14
26	5	11	15	17	15	12	12	12	11	11	8	8	10	11	10	9	8	6	4	1	4	4	2	1	9
27	0	0	0	0	0	0	0	0	0	2	7	7	8	8	9	6	0	0	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	2	4	9	13	8	4	2	0	0	0	0	0	0	0	0	2
29	0	1	0	0	0	0	0	0	0	0	2	2	****	3	3	2	0	0	0	0	0	0	3	2	1
30	11	15	17	19	20	18	17	14	12	17	19	22	26	25	23	18	12	4	5	1	0	0	0	0	13
31	2	2	0	0	0	0	0	0	22	27	28	30	29	30	30	31	27	27	29	30	31	32	32	32	20
MEAN	6	7	7	8	7	7	6	4	4	6	9	12	14	13	13	13	10	7	7	6	6	8	7	6	8.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	9.7	18	27
FEB	29	12.4	20	30
MAR	31	17.5	30	43
APR	30	19.8	40	59
MAY	31	24.9	46	115
JUN	28	27.4	60	118
JUL	31	27.2	48	112
AUG	30	26.5	45	99
SEP	30	15.0	33	69
OCT	31	9.1	19	39
NOV	30	7.6	16	25
DEC	31	8.0	20	69
YEAR	363	17.1	60	118

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	397	346	0	0	0	0	0	0	743
FEB	286	403	0	0	0	0	0	0	689
MAR	179	524	36	0	0	0	0	0	739
APR	174	414	120	8	0	0	0	0	716
MAY	157	327	214	30	5	4	0	0	737
JUN	114	350	135	66	8	6	0	0	679
JUL	183	243	228	78	5	3	0	0	740
AUG	173	276	198	58	8	0	0	0	713
SEP	323	294	81	13	0	0	0	0	711
OCT	441	290	9	0	0	0	0	0	740
NOV	480	235	0	0	0	0	0	0	715
DEC	478	253	6	1	0	0	0	0	738
YEAR	3385	3955	1027	254	26	13	0	0	8660

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
98.6	0	0.0	7.1	13.4	21.3	36.3	45.7	56.8	68.1	118	17.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	3	5	8	11	11	11	12	11	10	7	8	7	7	6	4	4	5
2	5	1	0	0	0	0	1	0	1	1	2	0	2	2	3	5	3	3	6	10	12	9	9	9	4
3	9	10	11	12	13	14	13	10	3	3	9	10	****	14	14	13	6	1	0	0	0	0	0	0	7
4	0	0	0	0	0	0	0	0	0	0	0	8	17	18	17	18	21	23	23	24	21	21	22	18	10
5	15	10	4	1	1	1	1	2	1	4	4	9	11	12	9	7	7	5	3	3	4	2	1	0	5
6	0	0	0	0	0	1	1	1	2	3	9	14	20	18	18	18	18	18	18	15	7	5	7	6	8
7	7	10	13	14	10	6	8	8	9	7	9	10	11	11	9	8	6	5	7	8	8	8	11	13	9
8	14	14	14	16	16	16	11	6	6	11	13	14	16	16	15	9	7	1	1	2	4	9	10	10	10
9	12	12	11	13	11	8	5	4	2	5	7	9	14	16	15	15	14	9	5	6	10	6	1	2	9
10	0	0	2	2	1	1	1	0	0	2	9	15	16	14	14	11	14	19	20	19	15	11	6	3	8
11	1	1	3	4	5	6	9	10	12	14	15	14	****	14	7	2	4	7	10	13	14	15	15	14	9
12	13	14	15	17	18	18	18	18	18	17	16	16	16	20	20	18	18	19	15	11	10	8	9	10	10
13	2	2	0	0	0	6	11	13	13	13	14	15	16	16	17	18	19	15	11	10	8	9	10	10	10
14	11	6	3	3	4	4	2	0	0	1	0	2	3	6	2	3	1	0	0	0	0	0	0	0	2
15	0	6	4	0	0	0	0	0	0	0	0	7	16	18	19	19	20	20	20	20	19	18	18	19	10
16	19	19	18	18	17	17	15	15	14	14	14	14	15	15	17	18	18	17	15	15	15	14	12	9	16
17	13	10	4	1	0	1	3	0	2	6	6	7	2	3	4	4	3	0	0	0	0	0	0	0	3
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	3	8	8	7	8	2
19	5	5	8	16	18	19	18	14	13	16	17	16	15	14	13	11	11	8	9	12	15	11	12	19	13
20	21	21	21	21	21	21	18	19	20	21	21	21	21	22	22	21	19	12	8	10	13	12	11	4	18
21	11	14	16	20	21	21	11	5	2	8	14	16	****	****	****	****	****	****	****	****	****	****	****	****	******
22													- DATA INVALID -												
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	22	20	18	19	19	19	21	21	21	******
24	22	21	22	22	23	18	15	12	9	11	15	17	19	19	21	21	16	4	1	1	0	0	1	1	13
25	1	0	0	0	0	0	0	0	0	1	10	12	9	8	5	5	7	0	0	0	1	2	8	9	3
26	9	11	14	18	18	16	9	9	10	12	18	19	19	19	19	16	12	12	4	9	11	12	12	10	13
27	10	14	16	18	20	20	21	18	18	19	21	22	23	23	21	21	18	17	15	13	13	14	16	12	18
28	11	9	9	19	19	18	16	12	13	15	20	20	21	****	22	20	17	13	10	3	4	10	13	12	14
29	15	17	12	9	5	2	4	1	0	5	7	11	18	18	20	16	10	8	8	5	6	7	8	8	3
30	17	18	20	20	11	2	3	7	7	13	19	22	23	24	24	22	21	14	12	12	16	17	18	12	16
31	15	16	16	16	19	20	17	15	12	16	18	20	21	21	21	21	20	17	13	14	18	17	18	19	18
MEAN	9	9	9	10	9	9	8	7	7	8	11	13	15	15	15	14	12	10	9	9	10	9	9	9	10.1

PERCENTAGE OF DATA VALID - 92.9 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	20	22	22	21	11	3	9	19	23	24	24	25	25	26	20	19	17	13	13	14	14	6	18
2	7	11	14	14	15	10	7	8	14	17	22	24	26	25	27	25	24	23	17	14	18	21	18	16	17
3	18	17	19	24	22	22	24	23	24	26	26	27	26	26	25	23	21	21	17	16	15	6	14	18	21
4	19	22	13	16	11	8	0	1	6	10	17	26	24	25	25	24	20	13	11	9	7	4	2	1	13
5	3	2	12	13	10	6	2	2	4	14	24	24	25	24	23	22	16	7	1	0	2	4	7	5	11
6	4	1	0	0	0	0	0	2	13	24	24	22	23	23	24	21	16	16	5	0	0	0	0	0	9
7	0	0	3	8	9	8	5	3	5	7	13	17	21	23	23	24	18	4	0	0	5	2	7	9	9
8	11	13	14	13	13	13	4	0	6	10	20	22	21	26	20	26	25	9	1	0	0	0	1	7	12
9	8	8	11	12	13	17	17	15	14	14	21	25	26	25	26	23	20	16	13	12	13	13	10	5	16
10	9	9	5	6	7	7	6	8	17	25	28	29	31	31	31	30	28	19	8	5	6	15	12	16	16
11	13	12	14	19	22	16	9	1	9	16	20	20	22	23	24	21	24	17	14	15	13	14	15	20	16
12	20	19	15	16	16	12	4	3	6	17	18	24	29	29	28	25	25	22	13	6	4	8	5	3	15
13	8	6	6	10	10	4	2	1	3	8	8	14	21	23	24	24	22	16	12	14	7	4	4	5	11
14	7	12	12	7	4	2	2	0	0	1	9	23	26	25	25	25	23	14	4	1	3	2	3	1	10
15	1	3	8	7	7	6	2	0	0	3	6	10	19	20	23	27	23	24	25	29	30	27	25	24	15
16	31	30	29	30	5	6	12	13	13	15	21	22	26	26	27	27	27	23	18	16	11	7	10	10	19
17	10	9	8	11	13	14	13	9	11	24	26	27	27	27	26	27	28	25	20	18	17	19	19	16	19
18	21	21	18	18	18	17	15	16	19	21	22	26	25	****	22	21	22	23	23	23	23	22	21	16	21
19	10	10	10	7	6	7	4	1	2	8	10	11	17	18	20	13	5	2	0	0	0	1	5	5	7
20	7	5	3	0	0	0	1	1	7	13	14	13	8	5	4	4	2	0	0	0	0	0	0	0	4
21	0	0	0	0	0	0	0	1	3	6	7	7	7	6	3	1	3	22	25	26	27	27	28	28	9
22	28	29	29	27	26	25	22	21	21	19	18	16	****	13	11	12	6	0	0	0	0	2	8	11	15
23	14	16	18	22	22	22	20	17	16	19	24	24	26	26	24	24	22	20	19	16	11	14	16	6	19
24	0	15	9	12	7	3	8	8	5	19	20	22	25	26	28	27	26	25	20	12	10	9	13	18	15
25	11	15	17	20	24	26	9	2	11	21	21	****	13	20	19	17	15	14	15	15	18	18	19	20	17
26	22	23	25	23	23	22	18	15	21	23	24	25	26	26	26	24	24	14	16	12	13	16	19	20	21
27	26	24	22	20	20	14	11	6	7	10	16	19	25	25	26	26	25	22	22	19	19	15	13	17	19
28	22	23	24	21	23	22	20	11	13	20	22	24	28	27	27	25	21	19	16	16	19	16	16	17	21
29	21	21	21	21	22	20	17	13	17	21	21	21	25	24	24	24	22	19	17	14	13	13	12	8	19
MEAN	13	13	14	14	13	12	9	7	10	16	19	21	23	23	23	22	20	16	13	11	11	11	12	11	14.8

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	2	4	6	8	10	15	20	22	24	24	28	****	28	27	26	25	18	16	14	7	7	8	15
2	11	5	10	15	15	14	14	14	20	23	18	31	32	32	32	33	31	29	18	7	3	6	9	5	18
3	4	11	10	8	6	6	2	5	9	16	21	24	27	****	30	27	22	16	18	21	13	20	21	23	16
4	26	24	22	18	18	16	15	8	10	17	20	21	24	25	29	29	27	19	14	6	4	14	18	18	18
5	16	14	21	19	17	11	13	13	7	8	11	11	6	2	2	8	24	24	24	25	25	26	18	20	15
6	24	29	29	29	27	27	17	10	19	27	****	30	31	35	33	32	27	23	20	21	10	12	11	14	23
7	9	3	9	4	8	0	0	0	4	18	27	27	27	****	****	****	****	****	****	****	****	****	****	****	******
8	- DATA INVALID -																								
9	- DATA INVALID -																								
10	****	****	****	****	****	****	****	****	****	****	****	****	****	20	19	18	19	14	14	8	19	24	24	25	******
11	27	26	26	26	26	26	24	22	23	25	26	26	26	****	-	-	-	-	-	-	-	-	-	-	******
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	16	15	16	15	15	14	12	11	14	20	21	24	25	23	25	25	25	21	18	15	13	16	15	16	17.7

PERCENTAGE OF DATA VALID - 23.9 PERCENTAGE OF DATA INVALID - 10.2 PERCENTAGE OF DATA UNAVAILABLE - 65.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	10.1	18	24
FEB	29	14.8	21	31
MAR	6	17.7	23	35
YEAR	63	13.1	23	35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	348	343	0	0	0	0	0	0	691
FEB	232	457	4	0	0	0	0	0	693
MAR	47	121	10	0	0	0	0	0	178
YEAR	627	921	14	0	0	0	0	0	1562

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
71.5	0	0.0	6.9	13.0	18.1	23.9	25.9	28.1	29.7	35	13.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	24	23	30	27	21	31	17	12	12	******
10	11	19	17	17	21	19	17	17	15	12	15	12	13	16	18	13	8	7	9	4	8	6	6	7	13
11	11	10	10	11	11	11	9	6	8	10	12	12	*****	12	22	21	21	22	8	7	0	2	10	2	11
12	0	3	14	15	13	14	6	6	3	5	7	3	7	8	16	19	21	32	25	21	21	21	18	17	13
13	17	20	21	23	22	20	18	21	23	22	21	23	26	29	27	24	22	22	16	11	13	14	7	5	19
14	3	8	3	13	14	15	15	16	16	16	16	16	*****	21	23	22	23	23	22	19	13	0	13	18	15
15	18	17	19	19	19	21	18	17	14	14	16	18	15	15	13	11	10	8	4	0	12	11	13	16	14
16	16	18	18	22	24	23	23	24	26	26	29	30	*****	34	34	34	33	32	29	17	24	20	7	4	24
17	6	14	15	10	3	0	3	9	14	21	22	32	36	39	39	37	36	30	25	19	11	16	22	20	20
18	22	24	21	19	18	15	8	11	8	26	22	28	34	*****	20	20	20	20	16	4	2	2	2	0	16
19	0	0	0	0	0	0	0	7	10	7	12	16	18	22	18	23	23	35	38	29	15	11	22	21	14
20	24	26	27	28	24	22	20	21	22	24	30	29	25	29	30	30	27	22	14	4	2	7	3	7	21
21	8	11	12	15	14	10	5	10	13	13	12	15	*****	28	36	35	34	39	34	20	13	13	9	11	18
22	10	10	12	14	14	16	18	41	44	45	48	*****	29	29	29	29	29	27	25	25	24	22	21	18	25
23	25	24	30	26	24	22	21	22	22	25	28	31	*****	35	39	38	35	25	22	25	22	20	16	17	26
24	4	1	4	0	14	11	7	17	22	20	20	20	21	34	36	39	36	36	35	31	22	24	22	22	21
25	14	5	9	13	15	13	8	5	8	10	24	23	23	*****	24	24	23	26	21	14	6	0	0	0	13
26	0	2	0	0	0	0	0	8	12	17	21	28	28	25	23	25	33	25	25	9	9	5	0	3	12
27	4	0	0	3	5	7	7	7	8	12	25	27	32	34	34	34	36	36	33	34	35	35	37	37	22
28	37	35	32	30	28	23	22	23	22	21	19	19	*****	17	18	18	18	19	21	20	21	22	22	23	23
29	23	23	22	22	22	22	21	20	21	23	23	*****	22	24	24	25	27	26	21	21	18	16	21	20	22
30	20	18	16	15	12	7	4	4	11	18	21	19	23	30	29	38	47	55	45	35	14	28	0	0	21
MEAN	13	14	14	15	15	14	12	15	16	18	21	21	23	25	26	27	27	27	23	18	15	14	13	13	18.3

PERCENTAGE OF DATA VALID - 69.9 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 28.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	3	10	10	4	2	4	8	12	*****	*****	*****	25	31	31	37	19	3	0	0	0	0	6	10
2	7	4	1	1	1	1	1	4	15	18	*****	29	*****	37	41	37	36	28	12	18	20	9	13	13	16
3	5	3	13	3	20	17	18	20	23	28	34	38	43	45	40	37	36	32	27	25	13	10	6	15	23
4	15	13	20	22	11	9	14	20	24	29	27	42	35	35	35	31	28	26	21	6	5	11	18	17	21
5	24	29	26	24	21	16	17	23	28	37	41	*****	50	52	47	46	44	38	27	26	33	37	30	28	32
6	25	10	12	17	8	2	4	7	15	11	28	29	30	31	31	27	26	19	24	12	17	12	15	9	18
7	5	14	12	25	27	13	9	18	19	19	14	*****	15	15	12	10	10	11	9	9	9	6	2	0	12
8	4	7	7	5	3	0	6	11	14	16	16	16	17	13	11	11	15	15	13	13	13	14	14	14	11
9	16	16	16	16	12	8	8	16	18	19	19	18	*****	24	23	21	22	21	19	15	12	10	12	5	16
10	6	3	4	2	2	2	8	18	21	24	24	28	31	35	43	42	45	41	39	38	37	31	11	0	22
11	2	3	39	30	36	24	38	34	28	32	39	39	36	32	35	32	32	32	26	19	3	1	1	1	25
12	0	0	0	5	14	12	10	24	24	26	27	27	26	26	25	26	26	23	16	3	5	0	2	2	15
13	0	5	0	1	1	1	14	18	20	15	17	8	16	20	21	25	21	13	17	14	16	25	25	9	14
14	13	4	19	19	20	18	13	8	13	19	24	23	26	*****	12	14	18	19	16	10	3	3	5	9	14
15	11	11	11	8	8	3	6	6	9	11	*****	18	23	22	23	23	18	22	19	9	6	1	3	7	12
16	9	12	8	4	1	1	3	13	17	17	21	29	31	29	32	37	37	35	25	10	0	0	0	0	15
17	0	0	0	0	0	0	3	22	25	25	26	30	32	38	42	38	35	23	8	45	49	42	40	43	24
18	43	43	43	43	43	42	41	34	31	18	14	20	26	28	32	35	30	33	33	29	23	18	21	26	31
19	27	25	22	21	24	28	14	31	34	35	38	37	42	49	53	49	47	42	34	32	2	11	10	8	30
20	8	10	7	7	5	2	14	22	22	22	25	*****	29	29	28	28	27	27	32	30	17	0	0	0	17
21	0	0	0	5	7	2	2	5	9	15	20	30	40	49	40	30	37	29	27	22	20	21	29	35	20
22	38	40	40	34	23	11	14	23	38	47	55	58	62	59	62	57	56	49	22	4	3	2	17	26	35
23	20	9	17	21	28	9	10	14	24	52	60	*****	80	79	87	78	70	68	49	15	0	0	0	21	35
24	24	22	28	28	24	20	7	11	16	24	39	51	63	69	77	62	58	72	41	8	0	0	19	34	33
25	26	26	24	24	21	20	20	22	25	28	29	34	35	35	34	33	32	31	26	21	19	14	17	20	25
26	22	18	20	17	13	10	10	17	21	25	28	*****	38	39	37	35	33	28	24	11	11	5	7	13	21
27	18	3	0	0	1	1	4	6	18	23	17	15	16	*****	19	18	21	18	14	4	0	0	0	0	9
28	0	0	0	0	0	0	6	3	10	28	26	28	29	31	31	34	26	26	24	16	1	0	0	0	13
29	0	0	0	0	0	15	22	22	22	24	29	34	36	39	41	39	39	39	38	38	37	37	34	27	26
30	35	35	32	32	8	7	23	25	28	30	36	*****	*****	54	51	40	47	52	39	37	38	26	19	30	33
31	21	19	27	23	22	22	25	26	28	37	40	45	49	36	33	29	23	22	21	23	14	12	10	12	25
MEAN	14	12	15	14	13	10	12	17	21	25	29	30	35	37	37	34	33	31	24	18	14	12	12	14	21.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	19	18	18	15	15	15	17	16	17	18	18	19	15	17	20	21	24	25	26	26	24	13	7	18
2	20	20	20	22	13	8	8	10	16	7	7	****	20	30	37	32	44	38	32	25	6	5	2	5	19
3	14	14	16	23	20	5	3	9	7	11	19	26	29	29	27	30	30	29	22	17	14	15	17	15	18
4	14	15	14	17	18	7	9	18	24	28	30	32	35	34	30	30	34	33	31	21	7	5	9	7	21
5	11	12	15	17	15	6	4	9	23	30	30	30	36	****	46	44	52	58	65	48	32	20	0	3	26
6	28	28	26	20	20	22	22	10	7	12	18	****	23	30	30	29	30	27	11	2	0	2	12	18	19
7	22	28	29	28	28	28	26	29	37	30	41	44	44	44	42	30	43	38	39	47	40	29	24	12	33
8	4	18	34	34	29	17	13	13	14	16	21	18	18	16	16	21	24	27	22	20	18	12	1	2	18
9	3	4	4	5	4	0	1	4	8	21	24	29	27	27	27	27	25	25	25	22	18	10	6	13	15
10	13	11	9	9	9	8	8	8	12	13	15	18	21	24	27	28	26	24	21	18	7	8	10	14	15
11	17	20	20	22	16	10	9	17	25	30	31	****	29	28	27	27	26	26	24	14	2	0	0	0	18
12	0	0	0	0	0	0	1	6	16	20	25	29	34	36	35	51	47	46	36	26	17	21	17	22	20
13	23	6	6	16	4	4	9	10	28	29	41	****	65	65	62	64	63	59	42	38	22	17	2	24	30
14	34	23	25	16	2	11	31	32	34	45	64	69	77	72	70	64	60	55	44	36	27	28	20	14	40
15	18	8	10	11	25	31	26	26	34	39	44	47	32	15	12	11	11	9	9	10	9	10	6	3	19
16	8	9	13	11	8	8	10	10	10	17	21	22	****	32	34	39	37	34	36	25	10	1	5	0	17
17	0	0	2	2	3	2	2	6	13	19	22	28	30	32	39	41	32	26	19	28	25	27	25	9	18
18	13	27	28	24	26	12	12	22	23	35	43	54	59	56	28	21	32	39	41	36	29	16	8	10	29
19	8	5	6	8	7	3	6	25	25	22	22	27	36	39	46	47	46	45	30	28	35	29	24	31	25
20	40	25	25	21	23	23	21	16	23	24	26	25	22	22	20	20	23	20	21	21	16	17	17	12	22
21	11	13	12	14	16	17	19	20	23	24	27	31	34	37	38	34	30	26	26	10	2	2	0	3	20
22	2	0	0	0	0	0	13	21	42	35	35	43	46	51	54	60	60	57	51	42	29	8	3	14	28
23	17	31	37	37	41	41	29	31	37	37	43	****	67	81	83	80	71	73	73	62	14	6	4	0	43
24	0	2	5	24	11	3	50	55	58	72	88	87	96	92	88	90	91	97	93	74	26	30	18	45	54
25	59	40	30	27	22	12	21	31	31	34	55	77	90	89	80	90	73	53	50	38	15	17	16	11	44
26	20	30	37	35	54	54	25	19	30	43	53	65	74	78	80	79	84	78	66	58	45	40	3	1	48
27	2	12	19	23	22	13	12	13	15	16	19	****	28	32	33	34	32	27	19	14	8	5	1	1	17
28	2	4	16	17	18	16	15	15	15	15	16	13	16	21	22	24	24	25	25	24	24	25	25	21	18
29	11	11	10	9	5	7	16	16	17	21	24	26	29	29	29	31	35	27	27	19	19	10	16	22	19
30	24	23	22	20	18	16	14	17	19	19	22	****	25	26	26	26	27	29	24	20	18	14	11	5	20
MEAN	15	15	17	18	16	13	15	18	23	26	31	37	40	41	40	40	41	39	35	29	19	15	11	12	25.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	0	6	14	19	25	27	32	35	38	46	41	40	51	45	37	39	43	36	31	26
2	33	36	38	28	27	17	9	12	20	25	27	****	****	37	37	42	42	40	29	18	10	0	0	0	24
3	0	0	0	0	2	0	1	5	10	17	20	22	22	26	30	32	43	50	37	16	3	3	2	8	15
4	8	5	3	5	2	2	7	21	38	44	48	****	61	109	87	85	78	61	48	34	13	19	2	0	35
5	0	0	3	3	19	23	25	36	40	51	52	56	54	53	60	65	57	50	50	41	36	33	31	32	36
6	32	32	31	29	28	29	29	27	27	30	34	37	37	38	38	38	37	36	33	20	8	3	4	8	28
7	9	9	10	10	10	8	7	7	11	28	31	****	31	37	41	37	36	38	50	59	45	44	47	44	28
8	42	42	43	34	34	27	25	26	35	40	42	46	46	46	46	44	40	37	35	27	15	11	14	19	34
9	19	17	14	13	13	11	10	12	14	24	35	37	38	35	41	38	32	38	37	29	8	6	3	6	22
10	8	8	12	12	12	12	8	14	24	32	44	55	64	71	76	77	73	64	51	48	30	20	32	32	37
11	40	42	38	42	46	44	39	22	36	41	54	55	58	57	55	50	47	42	38	32	23	12	16	20	40
12	28	27	27	27	29	29	29	32	41	44	43	41	43	43	43	45	43	40	****	30	29	23	21	24	34
13	21	21	23	28	32	32	32	35	38	41	46	46	49	54	56	56	59	60	53	37	31	23	22	23	38
14	27	24	21	20	19	13	6	25	41	48	50	54	50	55	54	57	52	47	48	38	32	30	18	21	00
15	33	24	33	43	45	42	32	23	28	18	26	35	45	65	****	57	36	36	36	****	48	44	41	35	38
16	37	35	29	25	26	23	26	27	30	34	39	****	38	48	56	65	66	65	73	68	47	42	42	41	43
17	46	48	48	43	38	35	31	44	50	52	53	53	52	52	51	49	49	51	52	48	41	35	35	28	45
18	29	31	34	33	30	28	27	25	37	47	47	46	18	25	29	35	38	32	36	35	27	1	8	35	31
19	30	21	21	23	23	24	24	28	34	37	49	59	69	74	74	73	****	****	****	****	****	****	****	****	41
20	****	****	16	15	14	25	30	37	37	26	44	53	59	61	64	48	43	****	57	53	****	****	54	62	42
21	****	****	****	59	55	39	****	****	****	****	****	****	****	61	61	61	55	49	45	34	35	26	29	41	******
22	41	41	38	27	30	21	13	17	22	19	30	30	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	40	39	39	39	39	38	37	29	23	19	16	22	******
24	26	24	27	29	26	19	16	24	29	31	36	41	45	52	53	61	79	65	59	46	25	24	25	27	37
25	36	36	37	36	38	20	19	21	38	49	53	59	****	70	71	72	64	63	56	51	47	45	42	52	47
26	54	54	56	52	41	35	30	34	39	54	54	40	42	44	49	46	53	55	46	40	41	39	38	22	44
27	21	36	22	26	34	28	28	41	51	60	62	64	68	70	71	72	75	75	73	66	70	63	69	64	55
28	57	51	46	50	55	59	57	51	49	43	43	45	****	29	30	34	39	39	37	45	35	28	40	32	43
29	36	36	23	32	41	31	24	32	40	46	50	61	66	54	56	49	45	41	42	40	34	23	14	13	39
30	16	20	27	28	26	17	22	26	33	39	40	41	40	42	42	41	39	36	28	17	9	12	13	14	28
31	13	14	16	16	12	7	3	8	17	22	25	31	39	47	59	62	65	65	59	55	57	61	62	55	38
MEAN	27	26	25	26	27	23	21	25	32	37	42	46	47	51	52	52	50	49	46	39	31	26	27	28	35.6

PERCENTAGE OF DATA VALID - 92.3 PERCENTAGE OF DATA INVALID - 7.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	41	21	19	14	12	9	5	5	32	50	****	43	51	60	60	53	50	46	36	21	18	32	36	32	32
2	39	42	46	43	30	22	26	33	45	41	48	49	57	59	52	50	41	32	34	26	30	19	19	14	37
3	21	21	21	27	26	22	20	30	36	44	49	53	57	64	71	69	64	40	30	19	17	13	11	7	35
4	7	9	9	9	11	10	14	28	40	35	59	51	48	46	50	60	54	45	41	38	37	37	34	31	33
5	28	26	18	10	10	7	4	9	20	21	29	****	****	****	50	57	69	64	51	44	32	36	35	28	31
6	27	34	34	31	26	18	27	38	48	53	56	60	59	62	61	60	54	42	26	14	20	30	32	26	39
7	34	25	25	30	35	19	19	27	37	42	****	****	72	70	62	52	48	70	77	69	43	36	22	16	42
8	16	26	21	19	19	28	30	42	58	64	66	65	56	43	63	80	76	70	60	65	51	44	50	59	49
9	54	54	55	54	50	45	45	49	49	51	55	61	63	60	55	56	53	51	42	33	27	27	30	30	48
10	30	31	32	31	29	28	30	37	46	48	50	51	51	52	53	51	51	50	49	48	46	46	47	44	43
11	25	25	23	23	24	28	23	22	38	42	****	39	45	48	49	50	52	52	50	48	50	49	47	31	38
12	25	27	25	19	24	20	18	24	36	43	47	48	48	47	44	46	38	34	27	21	17	20	16	18	30
13	17	19	21	18	18	15	15	18	21	29	****	38	50	50	52	52	55	51	40	34	28	25	22	18	31
14	20	28	32	35	31	21	19	21	45	52	46	50	52	56	61	65	61	55	42	27	18	17	35	40	39
15	41	41	38	36	29	21	20	30	38	40	****	****	35	35	48	47	48	43	25	20	21	22	24	24	33
16	26	28	28	30	31	26	27	30	33	34	35	38	39	43	46	47	44	38	25	19	16	16	16	16	30
17	16	16	15	16	16	16	16	16	29	36	38	40	47	52	53	46	43	43	41	38	38	35	31	23	32
18	21	22	23	25	29	25	20	22	22	21	22	****	34	24	32	37	40	41	31	25	15	16	14	16	25
19	20	25	28	20	16	18	24	32	37	50	57	70	76	78	75	74	73	70	57	21	15	15	17	17	41
20	18	19	20	19	19	17	16	28	42	47	51	****	62	63	61	60	55	57	54	55	57	57	56	58	43
21	61	46	42	44	46	43	38	40	45	51	59	65	64	70	69	61	55	58	57	59	47	35	37	38	51
22	44	54	54	56	56	44	37	34	38	41	44	****	45	52	56	60	59	54	56	55	48	18	22	22	46
23	19	19	26	39	43	33	30	31	43	49	59	75	85	93	94	90	90	87	64	26	19	19	19	21	49
24	23	21	19	21	28	32	32	33	39	48	49	47	44	41	38	37	35	32	24	14	6	10	14	12	29
25	15	16	19	18	17	10	7	12	27	55	58	****	70	78	83	77	82	83	81	47	29	21	21	34	42
26	46	45	46	45	32	19	20	40	48	51	63	67	77	80	84	78	74	74	62	61	62	61	60	53	56
27	51	54	58	53	47	30	32	49	60	70	70	72	72	72	77	76	77	75	63	52	57	55	43	36	58
28	38	35	32	36	38	34	31	30	30	31	29	29	29	31	32	34	34	36	38	37	36	38	38	36	34
29	31	39	40	42	44	41	38	40	****	39	45	64	64	59	59	60	60	57	52	49	47	23	18	18	45
30	15	16	15	15	16	16	16	19	30	40	42	48	50	47	49	57	58	57	51	62	64	57	49	48	39
31	56	48	45	40	41	37	37	38	39	48	48	54	59	63	59	61	57	59	55	46	40	56	52	50	50
MEAN	30	30	30	30	29	24	24	29	38	44	49	53	55	57	58	58	56	54	46	38	34	32	31	30	39.8

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	45	43	47	42	39	37	41	44	42	41	42	44	45	53	54	58	56	41	44	31	29	26	30	42
2	25	35	33	29	19	16	14	13	15	14	****	21	24	31	39	27	37	34	22	14	10	14	14	20	23
3	18	19	23	26	24	13	8	18	27	34	30	43	51	60	57	54	51	47	47	34	24	16	12	14	31
4	15	16	21	18	18	15	10	12	45	50	50	59	72	69	78	69	73	69	56	39	36	32	41	42	42
5	45	41	35	32	34	22	17	25	42	47	51	****	****	51	49	47	47	43	29	21	17	16	20	25	34
6	34	45	41	39	30	20	24	37	43	53	58	66	68	74	48	42	44	34	24	18	23	18	18	16	38
7	25	28	35	30	36	32	31	35	38	40	40	42	46	47	48	49	46	45	22	11	17	16	16	20	33
8	21	21	21	21	20	16	10	10	18	28	32	****	32	36	39	44	44	34	24	30	26	15	12	12	25
9	11	12	14	15	20	14	13	15	22	37	47	****	46	51	52	43	33	33	31	37	34	34	40	42	30
10	40	40	38	38	32	29	28	28	39	42	****	****	42	45	45	42	43	40	34	29	27	27	32	42	36
11	42	40	39	39	32	32	30	41	45	49	54	58	56	55	55	52	52	46	44	43	41	39	42	37	41
12	39	37	28	26	27	42	38	38	41	43	43	43	****	30	30	30	27	27	30	22	15	16	24	31	32
13	26	28	28	28	28	27	27	21	27	24	28	27	22	28	24	15	18	17	25	22	16	20	25	29	24
14	23	28	20	24	16	16	15	17	25	37	44	49	45	39	42	30	25	23	25	22	18	22	17	21	27
15	23	20	22	22	22	20	17	20	22	22	22	****	31	45	42	36	33	28	16	11	4	6	7	9	22
16	13	12	15	12	12	8	5	12	14	19	24	****	28	28	32	32	34	30	32	35	35	29	26	42	23
17	39	36	36	36	36	27	30	34	36	30	36	36	43	44	41	37	34	31	28	25	30	21	20	20	33
18	20	21	22	22	21	17	13	17	28	33	35	39	46	46	42	42	43	41	30	34	25	16	16	18	29
19	21	21	23	33	36	22	15	23	33	37	41	41	****	51	46	49	52	55	37	38	35	13	11	15	33
20	17	17	18	20	17	17	17	20	32	40	46	50	50	54	58	58	53	45	32	25	35	38	29	20	34
21	22	30	40	42	38	32	38	43	41	41	41	45	52	45	61	64	57	54	46	34	39	50	50	42	44
22	45	37	27	30	23	16	12	13	22	27	****	25	27	28	28	44	45	43	38	39	27	27	24	23	29
23	28	38	32	30	32	25	13	23	27	27	28	26	18	14	22	22	18	17	12	11	12	15	11	11	21
24	14	14	11	9	7	7	5	4	11	23	26	27	29	32	32	31	30	28	28	29	29	27	25	21	
25	26	9	7	8	8	6	5	4	7	8	12	18	21	25	23	26	27	31	25	22	28	23	16	18	17
26	22	26	23	23	21	16	20	20	24	24	23	24	****	26	26	26	26	24	19	14	9	9	10	10	20
27	13	11	11	11	11	11	11	12	16	21	28	26	26	24	22	22	25	22	20	20	19	13	17	15	19
28	15	15	15	15	12	11	11	17	29	29	32	30	30	32	30	34	36	30	14	10	13	15	12	13	21
29	11	11	11	13	14	11	9	9	10	31	38	****	36	39	41	41	40	27	7	7	1	1	2	3	18
30	11	11	8	8	7	5	5	10	14	20	24	30	38	38	42	33	34	24	20	15	9	9	9	10	18
MEAN	25	25	25	25	23	19	18	21	28	32	36	38	39	41	42	40	40	36	29	25	23	21	21	23	28.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	23	28	27	13	5	7	16	28	30	****	****	40	47	48	43	40	32	30	32	38	26	20	27
2	40	37	36	34	29	26	21	17	20	21	29	32	32	24	21	13	5	4	0	5	5	6	6	6	20
3	7	6	7	7	6	8	19	8	14	22	22	****	20	18	20	18	15	15	22	26	25	26	22	9	16
4	7	7	12	13	11	8	7	6	11	14	19	19	20	21	24	22	21	20	18	15	11	19	17	13	15
5	12	13	15	15	12	13	11	13	21	24	25	20	21	21	19	18	13	8	5	4	0	1	2	4	13
6	5	6	8	12	14	7	2	2	13	18	24	****	32	34	27	21	20	17	12	38	32	26	20	28	18
7	22	14	14	18	13	8	7	6	12	24	28	32	24	34	35	35	37	27	11	9	13	7	6	6	18
8	11	21	21	21	18	12	17	24	31	24	30	48	37	38	54	54	44	35	18	22	22	20	20	24	28
9	20	21	22	21	18	13	11	13	20	26	25	30	32	34	35	33	31	17	7	7	11	12	11	12	20
10	13	15	14	14	13	9	6	5	17	33	****	34	41	41	46	46	47	39	20	9	11	12	12	12	22
11	12	11	13	14	13	13	13	15	20	21	19	26	28	33	31	33	32	30	24	22	22	22	21	22	21
12	26	31	41	37	44	35	28	28	33	37	37	34	34	35	37	35	35	38	38	39	32	34	21	18	34
13	22	25	27	30	33	35	40	41	40	39	42	45	45	45	45	48	44	41	34	27	21	17	19	27	33
14	30	35	28	22	20	14	8	6	20	34	35	****	35	34	32	27	17	11	19	19	15	14	18	18	22
15	14	14	15	14	14	22	24	24	26	30	28	28	30	30	27	28	28	28	27	25	26	27	26	21	24
16	10	9	8	8	8	9	9	8	7	6	****	1	5	5	6	6	7	9	5	4	3	5	7	7	7
17	7	7	6	8	7	6	6	6	5	10	11	12	11	11	14	18	21	18	19	15	22	24	21	15	13
18	14	12	11	13	13	11	8	14	21	22	21	20	24	26	27	26	21	11	7	8	17	16	12	13	16
19	6	13	13	12	14	17	17	16	16	17	19	17	15	14	15	16	17	14	7	5	5	7	9	9	13
20	11	10	9	10	10	13	7	3	6	****	23	18	22	20	****	****	****	19	10	10	12	14	11	10	12
21	10	17	22	21	21	16	12	9	16	24	28	****	-	-	-	-	-	-	-	-	-	-	-	-	******
22	- DATA UNAVAILABLE -																								
23	-	-	-	-	-	-	-	-	-	-	-	-	-	20	21	22	21	21	22	22	23	24	23	22	******
24	23	18	19	16	17	17	13	9	11	12	14	15	21	23	23	19	18	15	11	7	11	14	15	16	16
25	15	16	17	18	20	20	19	15	14	12	12	14	14	8	3	2	4	5	6	7	8	11	14	16	12
26	17	16	15	15	16	16	16	16	16	17	20	21	20	21	22	20	19	18	19	19	18	17	18	18	18
27	19	19	20	22	23	18	7	8	9	11	18	21	****	22	20	14	8	3	0	0	2	1	1	0	12
28	0	1	0	0	0	0	0	0	1	6	21	26	25	25	25	22	15	13	14	16	16	14	12	12	11
29	10	13	14	15	14	3	1	0	8	17	19	18	17	16	10	4	2	1	5	12	12	12	11	6	10
30	4	7	6	6	7	7	5	0	6	16	21	25	****	21	20	17	15	8	5	7	12	7	11	10	11
31	8	6	4	4	4	3	1	1	2	8	13	****	20	22	21	20	17	8	8	10	12	0	9	15	9
MEAN	14	15	16	16	16	14	12	11	16	20	23	24	25	25	26	24	22	18	15	15	16	15	15	14	17.7

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 6.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	16	18	19	21	17	15	16	18	19	17	16	16	16	17	14	13	15	12	13	15	15	9	16
2	14	14	16	14	18	22	23	22	19	21	22	23	24	24	24	22	15	6	0	0	0	0	0	0	14
3	0	0	0	0	0	4	3	0	7	9	11	7	1	1	3	4	1	0	0	6	12	16	19	17	5
4	15	25	25	26	24	22	22	15	10	9	9	9	7	7	7	5	7	1	2	8	14	10	12	16	13
5	13	14	15	15	14	15	12	3	4	10	15	16	****	****	****	****	****	****	****	****	****	****	****	****	******
6	- DATA INVALID -																								
7	****	****	****	****	****	****	****	****	****	****	****	****	****	16	16	16	12	7	0	0	1	8	12	14	16 ******
8	15	11	13	15	17	19	19	17	17	18	16	17	20	21	22	20	17	1	7	11	16	20	14	2	15
9	0	0	0	0	4	1	0	0	0	0	7	13	18	19	19	17	15	13	7	7	8	6	6	9	13 8
10	20	22	23	22	21	21	9	6	10	17	18	20	****	23	23	21	15	15	19	23	24	24	22	22	19
11	25	25	25	26	26	23	16	13	12	17	20	21	22	21	20	16	17	12	11	12	15	10	20	10	10
12	21	21	20	21	16	8	1	1	8	21	20	****	21	22	23	18	2	2	2	0	0	0	0	0	11
13	0	0	0	0	0	0	0	0	0	0	2	1	7	7	4	2	1	0	0	0	1	1	0	0	1
14	0	0	0	0	0	0	0	0	2	9	16	17	19	****	13	11	4	0	0	0	0	0	0	0	4
15	1	1	0	5	12	11	7	5	0	6	11	12	15	13	13	11	8	6	2	1	6	6	3	4	7
16	4	3	4	4	3	3	4	3	11	15	21	24	24	23	22	19	9	0	0	0	0	0	0	0	8
17	0	0	0	0	0	0	0	0	8	20	25	****	34	34	33	32	29	31	28	25	24	16	10	10	16
18	12	16	21	24	28	28	27	24	19	24	27	29	31	32	29	26	20	20	22	22	29	30	29	23	25
19	27	28	30	29	17	13	11	10	15	21	22	19	9	****	5	1	1	0	1	3	6	0	0	0	12
20	0	0	0	0	0	0	0	0	0	2	6	10	10	9	8	4	5	1	6	7	11	9	8	4	
21	9	8	5	0	0	0	0	0	0	3	2	****	5	5	5	5	6	7	7	8	14	14	14	13	6
22	12	14	13	2	5	6	3	1	1	5	6	9	11	11	14	9	8	5	1	4	4	4	5	5	7
23	3	5	3	2	1	1	0	0	3	3	4	4	2	3	3	4	0	5	6	1	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	3	4	7	7	1
25	9	12	15	17	18	16	12	7	6	10	11	12	14	14	16	17	6	8	8	7	6	4	3	4	11
26	0	0	1	0	2	2	1	0	2	7	14	14	16	17	15	11	1	0	0	0	0	0	0	0	4
27	0	0	0	9	13	17	15	15	18	22	22	23	19	****	20	20	19	20	20	17	16	17	19	19	16
28	17	16	15	16	17	18	18	14	10	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6
29	1	0	0	3	8	12	13	10	8	10	14	15	18	17	16	17	13	11	12	16	12	11	13	14	11
30	10	11	10	9	10	10	9	8	10	13	15	12	12	10	11	9	7	12	11	8	10	7	7	6	10
MEAN	9	9	10	10	10	10	9	7	8	12	14	14	15	15	14	13	9	7	7	7	9	9	9	8	10.0

PERCENTAGE OF DATA VALID - 92.2 PERCENTAGE OF DATA INVALID - 7.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	5	3	2	1	0	0	0	2	5	9	****	17	12	10	1	0	0	0	0	0	2	2	4
2	0	0	6	5	0	1	1	0	0	0	2	9	14	8	7	10	1	8	3	4	14	19	20	23	6
3	26	26	26	27	26	26	25	15	16	19	26	26	25	****	20	14	15	15	14	15	15	11	6	10	19
4	9	7	11	14	15	14	12	5	5	4	5	17	27	47	39	34	12	0	0	0	0	0	0	1	12
5	0	35	****	16	0	10	0	0	0	1	16	29	31	****	12	10	9	6	2	0	0	0	0	0	8
6	0	0	0	0	0	0	0	0	0	0	1	3	8	8	9	8	8	6	5	6	3	2	2	3	3
7	2	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	5	1
9	5	6	7	9	5	4	0	0	0	0	0	2	2	0	6	5	2	1	0	0	0	0	0	0	2
10	1	1	4	5	5	6	4	1	0	2	3	6	9	8	7	5	5	6	8	9	13	14	14	10	6
11	13	10	6	3	1	1	0	0	2	5	9	10	9	8	7	6	6	1	1	1	0	1	0	0	4
12	0	0	0	0	0	1	0	0	0	0	0	3	4	3	0	0	2	1	0	0	0	2	5	7	1
13	8	8	4	6	6	14	19	20	20	16	18	22	25	26	25	23	20	9	6	4	2	10	14	8	14
14	10	14	14	15	15	19	24	22	21	28	28	27	27	28	28	27	23	13	6	4	5	7	9	8	18
15	9	12	13	9	10	8	4	0	1	6	6	8	4	****	7	7	4	0	0	0	0	0	0	0	5
16	0	0	0	0	2	0	0	0	1	3	8	12	19	18	18	12	4	3	5	8	5	2	14	16	6
17	19	18	17	19	21	20	13	7	7	12	13	10	6	7	12	8	9	10	13	6	7	12	12	11	12
18	7	5	3	3	3	3	3	9	13	13	20	22	24	24	23	22	18	17	16	11	15	20	21	21	14
19	21	20	22	24	27	28	25	18	16	22	23	23	24	22	19	15	3	0	0	9	11	8	8	13	17
20	17	16	17	18	19	21	21	19	17	19	21	23	24	24	22	18	13	5	5	8	18	17	16	15	17
21	15	18	19	19	16	14	12	12	15	18	20	25	26	25	23	21	18	12	13	15	15	11	11	11	17
22	11	8	8	6	8	9	1	0	0	1	1	3	5	5	5	7	7	7	15	18	19	3	0	0	6
23	0	0	0	0	0	0	0	0	1	3	5	6	4	5	5	4	1	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	9	20	24	26	26	25	24	24	24	23	24	18	18	20	20	14
25	20	19	17	19	19	19	20	18	15	12	11	16	19	19	15	15	20	19	21	17	13	13	11	8	16
26	10	11	10	12	13	12	11	12	12	10	13	16	16	14	10	8	7	1	0	3	3	4	2	0	9
27	0	0	0	0	0	0	0	0	0	2	6	8	9	8	4	2	0	0	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	1	5	8	11	10	7	4	1	0	0	0	0	0	0	0	2
29	3	2	0	0	0	0	0	0	0	1	2	3	4	2	1	0	0	0	0	0	0	3	2	4	1
30	11	12	16	17	16	16	17	12	9	12	16	17	21	17	14	14	6	5	4	5	1	0	0	0	11
31	0	0	0	0	1	1	0	0	20	24	26	26	27	27	27	26	22	21	23	26	28	27	27	26	17
MEAN	7	8	8	8	7	8	7	5	6	8	11	13	15	15	13	12	8	6	6	6	7	7	7	7	8.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES, OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	21	18.3	26	55
MAY	31	21.2	35	87
JUN	30	25.1	54	97
JUL	28	35.6	55	109
AUG	31	39.8	58	94
SEP	30	28.7	44	78
OCT	28	17.7	35	54
NOV	27	10.0	25	34
DEC	31	8.5	19	47
YEAR	257	23.0	58	109

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR	119	326	57	1	0	0	0	0	503
MAY	199	347	155	26	1	0	0	0	728
JUN	148	378	117	53	15	0	0	0	711
JUL	65	200	287	131	3	1	0	0	687
AUG	18	234	272	194	11	0	0	0	729
SEP	49	369	243	45	0	0	0	0	706
OCT	177	415	86	2	0	0	0	0	680
NOV	360	297	7	0	0	0	0	0	664
DEC	474	260	5	0	0	0	0	0	739
YEAR	1609	2826	1229	452	30	1	0	0	6147

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.1	0	1.1	11.7	19.8	28.8	46.5	55.9	68.0	74.9	109	23.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	4	4	7	10	8	8	5	6	4	2	2	2	2	2	2	2	4
2	2	2	2	3	15	16	10	9	12	11	12	****	15	13	14	14	12	12	9	11	13	14	15	15	11
3	17	18	16	18	16	16	12	10	13	17	19	20	20	20	20	15	12	11	9	7	6	9	10	10	14
4	13	12	14	15	16	16	13	9	11	13	15	17	15	13	14	13	9	7	9	10	9	16	19	22	13
5	23	23	22	22	****	21	21	21	22	22	24	25	25	24	24	21	14	2	1	1	8	16	18	15	18
6	10	6	8	6	7	12	16	16	18	16	16	13	14	10	16	15	11	14	15	16	13	13	14	17	13
7	19	19	20	20	20	18	15	14	16	10	10	10	9	7	9	8	7	6	6	6	8	15	16	12	
8	16	17	16	15	16	12	9	3	5	8	14	17	18	17	17	13	9	3	3	2	8	19	18	17	12
9	18	18	17	16	13	9	8	3	2	4	9	11	6	17	18	16	14	10	8	5	7	10	11	11	11
10	6	4	0	2	7	7	0	0	0	2	5	12	13	11	12	7	5	3	6	6	6	6	7	8	6
11	5	5	3	5	4	3	1	3	1	1	5	5	8	5	15	8	8	11	12	13	15	13	14	14	7
12	13	16	18	19	20	19	19	19	17	17	17	19	10	20	21	21	21	18	14	16	6	14	14	*	**
13	3	2	3	4	5	2	1	11	17	21	21	20	17	14	14	12	12	11	10	4	1	1	8	3	9
14	7	10	13	10	6	8	3	4	2	2	1	1	2	2	2	2	2	2	2	3	2	0	1	1	4
15	0	3	5	10	9	10	3	3	7	13	17	****	20	22	22	13	2	0	0	0	5	13	12	8	9
16	11	16	14	18	19	19	13	8	5	9	13	13	17	15	18	15	13	****	12	13	12	12	11	10	13
17	12	13	12	12	9	7	3	4	3	6	4	2	3	2	1	1	0	0	0	0	0	3	0	0	4
18	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	2	2	1	1
19	0	5	10	15	17	19	20	20	22	21	20	17	15	15	16	15	12	14	17	18	14	13	16	19	15
20	22	22	22	21	23	19	19	22	24	22	22	24	24	24	25	25	22	18	15	12	11	11	9	10	20
21	14	13	18	18	17	21	16	10	8	19	21	24	26	23	24	23	18	14	5	1	0	0	0	0	14
22	0	0	0	0	0	5	10	10	11	10	10	8	5	2	1	0	0	0	0	0	2	3	0	0	3
23	0	3	6	18	20	21	19	17	18	21	20	23	23	23	24	23	20	20	16	15	17	19	19	20	18
24	21	21	17	17	16	13	4	1	3	9	20	22	24	14	26	22	15	8	7	5	6	8	6	1	13
25	2	5	7	10	3	0	1	1	1	2	14	23	23	21	23	20	9	1	0	7	7	5	9	4	8
26	4	7	13	20	23	24	23	21	22	22	24	24	25	24	25	23	21	15	12	18	20	22	21	14	19
27	2	10	10	16	19	17	7	2	1	9	12	16	18	18	12	13	14	15	14	13	10	20	19	16	13
28	19	15	11	5	10	14	10	7	6	18	23	23	25	25	23	23	16	9	11	6	2	3	6	9	13
29	12	11	13	12	10	13	11	6	5	8	15	19	10	22	22	21	18	18	20	15	18	19	18	22	15
30	20	24	24	23	23	23	19	16	18	20	23	26	26	27	27	****	19	15	15	-	20	20	23	24	22
31	24	25	25	25	25	24	17	15	16	21	22	23	21	19	23	19	16	15	13	17	22	22	22	23	21
MEAN	10	11	12	13	13	13	10	9	10	12	15	16	16	15	17	14	11	9	8	8	9	11	12	11	11.9

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "**" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	23	20	22	21	20	20	22	22	23	23	23	23	22	18	20	19	14	17	19	22	22	21
2	23	24	22	21	20	19	22	20	19	21	23	25	26	26	26	27	25	21	20	19	18	****	18	16	22
3	19	21	22	21	24	22	24	23	22	23	21	23	23	21	23	24	23	19	20	17	18	21	23	24	22
4	25	26	25	23	19	20	18	17	18	****	****	22	20	24	24	23	19	16	14	19	22	19	18	19	20
5	17	22	24	20	18	18	13	10	13	19	24	****	28	28	29	25	-	-	12	15	7	7	14	13	18
6	13	17	20	23	22	24	21	17	18	20	21	12	22	24	22	20	19	16	10	8	9	7	2	6	16
7	8	12	13	4	12	19	9	4	10	15	19	20	23	25	25	23	21	17	17	14	12	19	20	18	16
8	20	20	20	21	19	14	9	10	13	19	24	26	27	29	28	28	22	18	17	14	19	21	23	20	20
9	17	18	16	20	16	19	19	17	14	18	23	25	27	28	29	27	26	22	15	15	13	13	16	20	20
10	19	18	19	22	22	22	21	21	22	24	27	29	30	31	27	24	26	22	14	6	8	3	4	5	19
11	2	1	1	2	16	20	11	6	6	7	6	14	19	14	12	12	8	1	0	0	0	1	0	0	7
12	0	0	0	3	8	9	3	5	9	23	22	31	32	30	31	28	23	17	16	16	12	11	12	4	14
13	4	6	4	0	0	0	0	0	1	5	8	10	13	14	9	****	6	8	13	10	5	1	2	4	5
14	1	3	3	7	7	4	0	0	1	3	6	19	26	****	46	27	24	23	22	19	14	6	4	7	12
15	9	12	4	9	13	3	6	4	7	15	17	16	15	15	15	****	6	5	****	8	10	11	****	20	10
16	24	26	26	25	24	22	15	17	20	23	24	22	20	22	24	20	24	24	23	21	22	22	19	18	22
17	17	10	13	12	11	8	11	12	16	23	26	26	27	30	30	28	24	23	19	14	11	13	11	15	18
18	17	15	17	17	15	13	11	9	8	9	15	17	15	22	23	19	16	16	19	23	16	14	17	15	16
19	16	16	10	8	6	7	2	1	2	4	4	7	7	5	4	3	5	1	0	0	0	1	1	3	5
20	6	3	2	3	3	3	2	3	4	5	7	4	4	3	1	1	0	0	0	0	0	0	0	0	2
21	0	0	2	8	15	15	10	6	4	5	7	8	9	12	18	16	13	13	17	17	18	20	22	25	12
22	26	26	25	26	25	23	19	17	13	14	14	10	13	13	12	8	7	7	6	7	10	8	11	13	15
23	12	9	12	20	22	22	18	19	21	24	26	27	27	19	20	10	17	16	14	9	4	1	1	0	15
24	1	18	16	9	14	12	2	3	9	10	17	23	24	26	29	30	29	22	9	10	9	3	1	13	14
25	15	18	16	16	20	20	14	17	18	23	28	28	28	27	27	25	23	21	19	22	23	24	25	25	22
26	25	26	26	26	26	25	21	20	21	25	25	27	28	29	****	29	28	21	18	10	3	1	8	17	21
27	23	20	25	24	20	16	****	9	7	10	11	19	25	27	28	26	27	25	24	25	22	20	19	19	20
28	22	23	22	24	21	20	20	20	22	25	27	29	23	****	28	27	26	25	24	23	23	23	24	22	24
29	20	24	23	22	22	21	20	18	21	22	23	25	24	27	25	25	24	21	20	19	14	17	18	13	21
MEAN	15	16	16	16	17	16	13	12	13	16	18	20	22	22	23	21	19	16	15	14	12	12	13	14	16.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	21	19	24	22	21	23	26	27	28	29	30	30	30	30	28	26	22	21	18	23	22	21	24
2	20	19	16	21	21	15	13	16	25	29	32	31	31	33	32	32	32	31	22	16	20	16	10	9	23
3	9	3	0	0	0	0	0	2	6	9	19	17	16	21	22	24	****	9	4	8	13	14	7	7	9
4	8	10	10	10	10	7	2	2	2	5	9	11	8	****	13	9	14	8	3	1	0	0	0	0	6
5	1	0	0	0	0	0	0	0	1	5	5	5	6	5	2	1	0	21	23	24	26	29	29	29	9
6	29	29	26	25	27	28	20	19	23	24	27	25	24	20	25	24	25	20	17	15	16	18	16	19	23
7	19	7	3	0	0	0	0	3	7	14	23	26	24	15	13	11	12	9	4	1	2	3	3	4	8
8	11	16	19	20	21	23	26	29	30	31	28	27	27	30	26	29	21	25	25	20	22	8	25	31	24
9	27	25	27	32	31	30	29	29	31	34	33	34	34	29	31	33	35	37	24	22	22	22	7	17	28
10	18	18	32	33	23	17	11	12	16	19	22	18	24	25	25	17	16	19	17	21	17	28	28	28	21
11	29	30	29	28	28	27	24	23	24	26	27	27	23	****	26	26	25	25	25	25	26	26	23	24	26
12	23	23	22	22	23	21	21	18	23	25	25	27	29	31	30	27	29	25	17	8	5	13	19	15	21
13	13	23	23	23	22	22	17	17	18	20	20	19	18	18	20	18	19	19	20	19	18	17	15	17	19
14	18	17	16	18	13	8	9	7	8	10	13	17	****	29	29	29	28	28	26	25	25	25	27	26	20
15	26	23	26	27	27	25	25	24	24	25	26	29	30	30	29	29	28	27	22	17	15	11	15	9	24
16	15	15	20	25	25	27	28	28	27	25	25	25	26	26	27	27	26	26	25	25	21	26	24	22	24
17	16	17	15	18	21	24	14	17	9	9	7	2	2	3	7	6	3	0	0	2	2	2	15	21	10
18	20	20	22	26	27	27	26	26	27	27	27	28	29	28	30	29	28	29	28	21	7	1	1	2	22
19	7	14	7	2	0	0	0	2	5	18	17	19	14	16	13	15	14	3	2	2	4	10	11	2	8
20	1	0	1	1	3	2	1	2	6	10	8	14	18	23	23	33	35	5	2	5	8	10	12	16	10
21	11	8	13	14	19	15	15	17	17	14	13	12	10	12	11	15	10	15	18	20	21	22	22	23	15
22	23	23	24	24	24	25	26	27	27	27	26	25	28	29	26	28	24	23	21	24	21	23	20	17	24
23	18	20	20	21	22	21	21	21	23	23	19	24	27	25	23	22	18	22	13	7	5	6	2	2	18
24	1	1	2	8	14	14	15	19	17	19	22	24	25	****	19	17	18	18	18	16	15	14	19	17	15
25	16	19	22	25	25	24	18	17	16	18	19	20	21	21	21	19	17	19	20	19	18	18	14	18	19
26	20	20	16	19	22	23	21	21	20	24	27	26	28	****	31	19	7	1	0	0	14	19	18	14	18
27	15	18	13	9	6	6	6	8	15	18	20	19	23	22	23	18	14	7	5	3	5	2	3	2	12
28	6	11	11	20	18	11	6	14	20	26	27	15	15	11	10	8	2	6	1	0	0	3	16	30	12
29	20	31	34	34	33	32	30	28	26	25	24	25	27	29	30	29	29	29	26	23	24	24	22	22	27
30	26	23	27	30	30	30	29	29	30	31	31	30	24	24	24	27	27	23	12	9	25	22	26	31	26
31	33	33	33	32	32	31	26	24	22	23	25	23	23	24	23	24	23	21	15	10	12	15	11	6	23
MEAN	17	17	18	19	19	18	16	17	18	21	22	22	22	23	22	22	20	19	15	14	14	15	15	16	18.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	11	18	16	14	4	13	20	-	20	22	22	23	25	22	22	9	7	2	0	2	10	5	14
2	2	5	4	4	4	1	1	2	13	22	28	35	39	17	55	22	38	38	34	25	23	23	27	22	20
3	18	15	16	10	10	8	5	24	27	25	27	26	-	24	26	24	21	18	19	19	23	26	25	27	20
4	27	29	30	31	31	30	27	15	20	19	18	13	11	7	10	14	10	24	28	27	28	28	29	29	22
5	29	30	32	33	32	31	29	30	31	31	32	33	34	34	35	36	36	36	35	30	21	21	21	8	30
6	9	5	8	25	27	27	27	30	31	29	27	29	29	28	28	28	23	24	27	20	19	24	28	30	24
7	31	32	30	28	26	24	17	17	19	18	18	21	25	33	31	21	6	3	4	10	15	18	17	2	19
8	5	26	23	35	32	30	21	21	22	28	33	34	36	40	38	29	23	18	22	29	32	30	28	-	28
9	26	30	29	31	24	24	15	12	13	6	8	16	24	35	32	15	16	12	22	13	9	5	2	1	18
10	1	2	20	17	21	16	8	8	10	15	15	11	10	5	12	6	8	8	10	10	10	11	11	12	11
11	16	12	7	4	5	3	2	4	5	7	8	14	13	16	14	11	8	5	2	1	1	2	8	-	-
12	2	2	4	2	4	10	10	10	13	9	5	6	3	5	9	13	14	14	18	30	25	25	28	26	12
13	14	16	21	24	26	24	19	25	27	28	27	28	28	26	26	25	25	22	23	21	16	14	15	13	22
14	15	21	22	22	22	20	16	15	13	14	15	18	20	23	23	21	21	24	22	22	22	16	16	14	19
15	12	24	20	20	20	17	15	16	19	19	13	14	****	13	13	8	9	11	6	5	4	1	0	7	12
16	15	17	17	19	23	25	23	23	25	29	29	29	31	31	33	31	30	29	29	25	26	25	26	21	25
17	19	12	2	2	1	2	8	14	21	28	25	29	24	22	18	20	15	14	21	17	21	16	9	6	15
18	11	19	15	13	12	2	4	23	30	31	31	30	33	39	42	37	31	24	31	29	22	20	15	13	23
19	1	0	0	0	3	5	16	16	19	18	20	28	32	39	42	40	33	33	33	25	18	25	15	1	19
20	2	5	25	4	27	18	10	7	17	38	45	45	43	43	41	40	38	37	32	26	25	27	26	25	27
21	30	29	26	23	25	27	21	23	28	35	37	37	41	39	37	37	36	34	33	26	23	-	23	28	30
22	27	28	24	31	21	22	17	21	19	20	20	52	25	19	20	20	19	14	11	8	16	16	-	26	22
23	25	23	15	24	25	21	20	22	22	26	28	25	24	31	31	27	30	15	25	23	23	27	29	25	24
24	26	28	24	24	23	25	25	25	24	27	30	24	7	0	41	25	19	20	15	12	5	8	6	16	20
25	12	16	18	17	16	18	11	11	16	13	14	18	28	31	18	18	20	16	14	6	11	9	9	8	15
26	1	2	1	1	1	1	8	18	23	22	18	23	23	27	35	31	27	20	6	8	6	1	1	1	13
27	1	1	1	5	11	17	21	26	26	21	22	29	28	30	25	29	28	33	31	34	36	38	40	40	24
28	38	31	33	34	35	30	26	23	25	22	22	22	13	21	18	13	11	16	17	20	24	23	25	26	24
29	25	25	26	24	22	19	15	18	18	19	21	21	18	19	18	21	20	23	18	17	17	16	8	4	19
30	15	16	20	22	21	9	8	9	19	15	12	19	20	13	10	9	12	15	11	-	4	1	1	3	12
MEAN	16	17	17	18	19	17	15	17	21	22	22	25	24	24	27	23	22	20	20	19	18	17	17	15	19.7

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	12	11	9	4	4	7	20	28	22	25	27	26	27	-	37	****	3	1	6	19	23	24	16
2	27	26	26	26	26	19	19	15	15	13	21	26	36	42	47	35	35	32	32	22	12	9	9	9	24
3	9	12	9	8	8	11	15	28	37	41	28	34	40	45	47	47	46	47	47	43	43	39	36	36	32
4	31	30	33	35	37	33	34	36	38	42	43	42	42	46	46	46	44	41	24	8	8	6	6	4	31
5	4	4	8	9	6	3	4	9	14	22	22	34	52	50	33	32	25	11	7	15	11	11	34	50	20
6	44	36	37	34	36	31	27	28	29	33	34	35	35	35	37	38	40	29	24	22	23	17	15	17	31
7	13	12	4	10	9	7	8	14	16	27	35	33	28	25	20	21	19	22	24	26	22	22	22	16	19
8	18	25	23	18	12	11	12	20	25	23	22	****	15	13	10	9	6	4	13	19	10	12	17	20	16
9	22	22	27	25	26	23	19	19	23	25	20	19	19	22	20	19	29	26	22	19	14	15	14	13	21
10	5	14	11	6	3	9*	17	20	20	16	25	27	32	34	36	24	23	21	16	9	15	29	24	20	19
11	18	23	31	32	29	25	23	19	24	39	44	46	41	34	38	40	40	40	36	31	25	23	17	22	31
12	19	2	2	2	****	6	1	9	23	13	18	21	20	17	13	10	7	11	12	16	10	14	27	18	13
13	7	****	3	****	****	****	0	****	6	12	21	17	28	33	23	23	32	22	23	16	16	12	3	7	16
14	7	18	22	26	33	24	18	22	24	30	31	31	28	29	27	28	29	27	25	20	18	16	15	-	24
15	17	17	17	16	19	15	17	23	27	29	33	36	37	34	34	33	30	17	26	27	22	14	14	15	24
16	20	24	13	23	25	20	10	8	21	20	21	28	32	36	33	33	28	22	17	19	9	3	3	5	20
17	6	5	5	13	11	6	2	7	15	15	23	27	31	34	32	33	32	36	31	8	10	28	43	45	21
18	44	47	45	44	42	35	33	30	24	15	11	12	21	27	-	31	32	25	34	31	34	28	30	29	31
19	30	31	31	30	33	33	35	34	34	41	38	41	37	38	33	41	42	37	38	33	19	20	12	13	32
20	13	12	13	10	9	2	7	11	11	14	17	****	18	19	14	16	14	13	7	2	3	****	5	5	11
21	10	10	13	15	18	3	10	20	24	19	37	40	38	42	49	50	45	44	44	22	4	****	4	0	24
22	2	5	21	10	****	****	1	4	13	25	24	33	****	73	81	78	81	72	54	1	****	5	****	1	31
23	3	****	3	4	3	****	****	6	22	36	52	80	99	96	96	64	59	55	59	40	29	5	21	37	41
24	45	49	57	41	5	16	26	39	46	41	42	53	60	73	66	68	35	46	51	43	40	37	27	22	43
25	26	28	28	28	25	25	27	29	29	31	31	33	36	36	37	30	34	36	31	21	27	27	27	31	30
26	35	31	33	33	30	22	17	21	27	30	31	33	37	38	36	40	38	37	33	30	32	34	34	36	32
27	34	****	34	32	29	23	22	21	24	32	37	34	****	42	39	38	37	35	35	33	30	30	32	31	32
28	30	31	31	27	23	21	13	10	19	9	20	21	****	27	25	25	26	20	14	1	0	2	5	0	17
29	16	25	25	15	6	9	12	14	18	21	27	28	28	30	28	25	20	18	11	21	22	22	16	27	20
30	36	37	34	29	23	15	10	7	7	23	43	55	55	54	61	60	44	33	15	25	8	2	6	34	30
31	32	31	28	29	27	22	22	26	31	35	42	52	57	53	39	38	33	30	25	23	21	21	18	18	31
MEAN	20	22	22	21	20	17	16	18	23	26	30	34	37	39	38	36	34	30	27	21	18	18	19	20	25.2

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	22	23	24	25	25	27	27	28	27	26	25	27	27	24	14	14	11	3	9	8	16	16	20
2	17	14	16	13	7	1	2	3	4	2	9	15	13	15	9	26	24	18	8	4	5	5	****	7	10
3	21	18	26	22	17	20	15	14	17	20	30	****	29	24	25	22	25	21	15	12	14	13	14	12	19
4	12	10	11	10	11	8	12	16	18	19	20	22	23	23	21	23	25	25	21	18	11	7	9	9	16
5	13	12	11	10	9	5	2	15	20	25	25	22	23	21	28	31	29	55	6	****	****	****	****	10	19
6	18	9	16	17	13	5	5	7	1	2	7	****	****	8	8	10	4	17	20	16	21	23	20	21	12
7	21	22	24	26	27	27	26	28	25	20	29	36	39	37	42	35	23	28	28	25	20	23	23	21	27
8	16	10	16	26	12	7	7	8	9	9	13	13	12	12	12	10	12	13	14	14	14	12	10	10	12
9	7	3	****	****	****	****	****	1	4	7	11	21	24	20	20	19	19	19	18	15	13	12	8	8	13
10	8	6	3	2	2	1	2	4	6	****	18	23	22	23	32	32	28	29	30	29	28	27	25	26	18
11	28	26	25	24	22	17	18	20	****	30	23	26	22	10	6	10	27	20	27	22	6	3	2	3	19
12	1	1	1	1	2	4	9	12	21	26	26	31	37	38	38	39	36	34	22	14	16	6	13	8	18
13	8	7	6	6	4	4	7	18	33	24	35	47	45	32	45	62	62	56	54	29	26	15	16	7	27
14	8	4	5	7	4	7	9	36	****	****	64	75	83	82	84	73	51	67	67	53	23	20	37	33	41
15	4	0	17	16	9	10	6	10	12	28	40	40	33	11	13	15	15	16	15	15	14	13	8	14	16
16	14	17	18	17	16	15	17	17	22	25	****	28	28	31	****	31	31	34	30	21	15	11	15	19	21
17	22	20	21	21	6	3	9	18	13	17	24	27	32	35	38	43	41	38	37	25	18	13	11	19	23
18	24	19	14	10	3	6	14	21	24	31	37	47	45	37	26	26	20	29	41	2	2	4	1	1	20
19	1	1	2	3	12	13	17	19	14	19	25	31	28	8	31	30	38	35	43	38	49	44	41	26	24
20	22	25	40	38	22	17	23	24	25	24	26	30	31	31	27	25	26	26	23	25	21	15	10	8	24
21	9	4	13	20	14	18	16	17	18	14	22	43	41	42	50	49	38	39	35	31	4	2	2	1	23
22	1	1	1	1	1	1	5	7	12	21	40	51	55	65	66	64	67	57	51	15	2	21	18	21	27
23	25	22	29	31	28	5	7	4	21	33	32	65	81	93	95	88	84	78	69	72	62	58	18	1	46
24	1	1	1	1	1	2	9	39	24	78	110	113	****	116	91	86	-	86	93	59	3	3	2	32	43
25	7	23	15	14	7	9	5	12	75	62	69	81	83	94	116	113	99	98	73	****	36	6	5	1	48
26	2	16	29	36	28	28	35	47	48	47	60	62	72	77	70	47	33	15	20	31	35	16	9	31	37
27	24	35	36	38	35	23	17	13	11	14	17	****	21	26	28	29	31	27	24	16	9	8	9	11	22
28	14	16	17	18	18	19	16	13	12	13	14	12	16	17	19	21	19	22	9	14	16	14	13	11	16
29	11	15	21	20	19	20	16	15	20	13	20	26	30	22	23	36	40	44	42	22	13	1	10	35	22
30	38	36	34	33	33	30	27	25	26	28	29	30	33	35	37	38	37	29	32	29	21	20	19	20	30
MEAN	14	14	17	17	14	12	13	17	20	24	31	39	37	37	39	39	34	37	33	24	18	15	14	15	23.8

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	1	0	5	12	10	12	19	16	22	28	37	39	42	44	45	44	47	38	29	19	22	18	19	24
2	13	12	24	29	6	1	4	26	36	37	39	11	42	42	42	40	37	33	27	24	17	14	17	18	25
3	19	20	24	24	13	2	13	18	22	26	36	32	38	33	60	98	64	66	58	46	17	2	0	8	31
4	9	8	7	6	0	2	14	27	18	33	48	68	71	129	115	98	77	43	49	34	12	5	5	4	37
5	1	6	1	11	39	38	24	18	29	30	36	37	48	66	64	70	56	49	53	43	35	28	29	30	35
6	29	30	28	28	27	25	23	22	26	28	29	29	31	31	32	32	31	29	27	22	13	10	10	9	25
7	14	16	11	10	7	1	4	4	3	3	14	15	19	33	31	36	22	17	18	12	17	10	22	15	15
8	10	2	9	11	16	4	6	7	11	23	18	23	37	48	49	46	41	41	36	27	19	15	16	21	22
9	21	19	20	21	19	7	7	12	10	19	14	19	24	26	27	25	26	6	12	11	5	2	2	4	15
10	7	10	13	11	7	2	5	24	33	30	40	44	51	63	71	67	59	58	50	50	37	29	9	0	32
11	3	16	27	25	25	14	18	19	31	34	40	51	66	46	46	42	36	33	30	23	18	16	19	20	29
12	20	18	16	16	16	14	16	19	24	26	27	30	33	34	33	33	30	28	27	23	15	14	15	17	25
13	15	15	16	18	18	16	17	20	25	28	30	36	32	32	37	44	56	50	35	5	1	3	3	0	23
14	0	1	5	6	4	0	3	12	26	27	26	44	61	62	57	53	56	57	49	43	34	34	21	44	30
15	44	44	48	35	39	6	7	9	4	8	31	41	49	64	80	85	43	28	28	27	20	31	34	8	34
16	1	15	25	24	27	22	23	31	34	34	33	34	42	45	39	37	51	63	57	35	14	4	2	18	30
17	36	31	30	32	20	15	22	35	40	42	43	43	40	40	38	40	37	34	30	25	20	15	13	17	31
18	17	14	16	15	13	7	9	10	13	18	24	14	****	24	23	23	19	22	8	1	1	0	0	2	13
19	0	2	2	2	3	0	1	6	22	29	38	55	66	75	76	74	91	63	50	20	18	40	23	19	32
20	26	23	24	9	5	9	14	19	24	12	4	16	43	37	43	59	65	62	49	33	7	1	13	18	26
21	51	51	53	40	45	40	30	29	33	39	44	60	68	71	65	69	74	57	42	38	38	35	22	33	47
22	36	33	29	27	21	7	9	2	4	7	14	19	25	27	31	24	24	26	24	19	14	14	0	0	18
23	15	16	17	17	18	16	18	17	16	17	20	25	26	28	27	26	23	25	22	17	11	8	6	11	18
24	14	14	15	15	15	14	11	16	22	13	24	39	66	58	48	49	43	41	42	20	5	11	6	1	25
25	0	0	0	8	1	1	3	9	15	21	****	31	47	54	57	65	63	57	52	38	14	2	11	38	26
26	38	28	4	1	14	28	27	24	30	25	26	26	27	32	23	25	25	27	22	8	29	25	17	29	23
27	27	31	33	32	35	35	32	31	30	44	36	43	44	43	48	49	57	44	39	13	29	39	26	29	36
28	35	44	50	57	42	43	27	29	25	19	18	14	12	12	-	-	13	12	15	16	-	-	-	27	27
29	39	30	23	27	22	23	24	32	38	45	48	45	70	91	73	60	69	44	30	22	13	7	34	20	39
30	12	17	22	24	19	4	10	21	26	28	28	30	31	33	33	33	33	32	28	20	12	9	5	11	22
31	3	13	6	0	1	2	3	9	16	24	39	40	43	41	33	21	24	25	20	12	19	22	28	30	20
MEAN	18	19	19	19	18	13	14	19	23	26	30	34	43	47	48	49	45	39	34	24	17	16	14	17	26.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	29	27	24	22	16	12	15	16	26	35	****	49	64	59	63	53	49	21	8	14	16	1	19	29
2	35	42	34	20	2	4	7	15	25	35	46	48	52	36	33	58	53	46	46	39	41	29	17	29	33
3	25	22	18	18	16	18	18	20	26	41	43	46	59	74	56	64	66	55	51	21	14	15	12	12	34
4	11	8	12	15	6	8	11	19	18	23	27	30	32	35	33	30	28	25	14	12	6	7	8	12	18
5	15	20	22	24	23	14	9	8	10	13	19	21	28	47	43	44	42	39	43	28	18	25	19	21	25
6	23	26	21	17	15	6	5	21	33	42	36	73	61	67	57	36	36	****	36	31	5	6	5	2	29
7	1	2	2	1	1	1	2	2	14	39	50	62	68	65	63	56	56	-	35	41	38	33	27	25	30
8	2	1	4	3	2	2	1	19	30	48	53	50	45	34	33	34	44	52	41	25	27	23	18	19	25
9	****	21	28	31	31	28	28	29	29	30	31	31	31	31	30	30	30	27	25	17	14	16	14	15	26
10	16	13	14	14	****	****	16	18	21	21	20	22	21	21	19	20	21	11	17	12	6	4	5	12	16
11	17	18	19	18	18	14	13	15	18	20	19	22	23	25	24	23	****	17	24	23	23	19	24	24	20
12	26	29	32	28	25	20	14	16	22	23	23	32	****	33	31	28	25	24	23	22	18	17	16	14	24
13	14	14	13	11	9	3	5	10	14	17	21	25	27	50	52	31	36	****	18	4	4	4	4	7	17
14	11	14	13	9	6	1	1	3	16	13	24	22	23	36	40	39	42	31	32	24	22	23	25	30	21
15	29	28	27	24	20	15	10	15	16	16	15	16	18	17	22	21	21	20	19	14	12	13	12	10	18
16	7	8	10	14	13	12	15	15	15	16	16	17	18	20	20	22	21	20	16	12	10	5	3	3	14
17	5	7	13	16	17	14	15	15	7	15	18	19	22	24	22	20	17	7	6	5	5	3	6	10	13
18	12	13	12	12	10	2	2	9	9	10	15	18	17	14	13	9	11	21	22	25	15	9	11	12	13
19	9	10	7	8	5	2	****	5	12	22	45	48	84	102	104	94	78	80	60	17	8	12	7	0	36
20	6	13	10	6	2	1	5	11	13	18	25	29	25	****	****	27	24	32	29	23	24	26	22	31	18
21	33	35	-	****	21	14	12	16	22	27	****	36	31	31	28	34	33	36	33	31	25	24	16	19	27
22	10	11	21	23	18	9	8	7	7	6	12	18	17	18	14	11	17	9	2	8	4	0	8	6	11
23	8	13	16	11	12	9	13	14	23	30	36	38	41	44	45	47	47	46	40	34	18	14	9	11	26
24	11	13	12	13	14	11	10	15	19	20	25	28	23	21	24	21	24	14	3	1	0	0	0	0	13
25	0	5	4	1	1	0	0	1	1	4	12	26	****	****	74	60	56	55	25	5	8	4	9	12	17
26	11	7	8	9	4	1	2	-	14	20	25	23	44	63	75	80	86	69	59	53	53	44	28	37	35
27	27	7	1	13	37	12	3	5	15	29	48	70	83	84	83	81	76	66	49	39	33	33	28	14	39
28	19	19	19	15	12	9	7	7	7	7	9	8	6	5	7	9	10	8	7	2	2	2	3	4	8
29	3	2	7	9	11	11	11	14	13	19	21	23	20	21	21	17	19	22	15	4	6	7	11	14	13
30	18	23	24	24	24	20	14	10	8	20	17	52	31	33	43	44	40	35	21	6	1	4	36	46	25
31	40	40	39	30	30	27	16	14	17	29	30	36	42	42	34	21	13	14	20	9	5	5	10	36	25
MEAN	16	17	16	15	14	10	10	13	16	23	27	33	36	40	40	38	38	33	27	19	15	14	13	16	22.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	25	36	34	29	26	26	27	25	26	31	27	24	26	25	34	39	30	26	15	8	1	0	19	24
2	25	30	28	29	27	10	3	8	11	16	11	6	2	15	22	31	29	31	18	8	1	1	5	15	16
3	12	10	16	14	13	10	7	12	21	26	29	31	33	48	61	64	50	46	30	6	2	4	5	11	23
4	25	27	32	25	24	15	6	7	13	24	****	****	27	36	37	37	21	20	8	-	3	3	2	2	19
5	15	5	11	14	11	2	4	20	32	32	40	33	53	49	36	35	32	29	17	6	6	2	2	2	20
6	1	1	1	1	1	2	7	17	26	31	34	32	30	31	29	28	26	24	18	11	9	8	9	8	16
7	3	5	7	14	16	15	15	17	19	22	22	26	28	31	34	42	43	32	19	9	8	11	12	15	19
8	15	15	9	1	3	2	1	2	2	9	20	25	32	42	31	30	25	16	5	2	2	2	4	4	12
9	5	6	9	8	4	2	2	3	19	23	29	11	24	37	41	33	19	17	14	13	14	14	13	15	16
10	15	15	15	13	12	5	5	7	14	18	21	26	27	28	27	25	24	23	17	9	1	1	1	2	15
11	1	1	1	1	1	1	5	10	10	16	****	32	33	38	37	38	39	35	18	10	11	11	9	5	16
12	13	12	20	19	16	10	8	10	12	12	12	9	7	7	7	5	1	3	2	2	1	2	2	7	9
13	6	9	11	12	14	13	14	13	13	12	12	16	17	15	15	12	8	10	13	14	20	21	21	16	14
14	9	4	13	11	13	9	5	7	17	19	23	29	30	17	13	15	15	14	10	8	12	13	12	13	14
15	12	11	9	8	9	7	6	-	12	14	13	15	18	22	21	23	22	14	3	1	1	1	1	1	11
16	1	2	4	7	2	2	2	9	11	10	****	13	12	9	8	10	7	7	7	9	8	13	14	18	8
17	22	18	20	20	23	7	7	10	15	23	29	15	16	15	19	23	25	27	22	19	18	19	21	14	19
18	13	13	15	14	11	2	3	9	15	19	22	****	29	31	27	25	21	14	1	1	1	1	0	4	13
19	14	16	17	8	1	1	1	4	16	23	26	29	31	33	33	32	30	35	9	0	5	6	6	9	16
20	6	6	5	3	2	1	10	13	19	24	23	25	36	43	42	36	25	27	33	26	29	29	26	24	21
21	13	5	0	1	11	16	17	18	17	13	14	14	13	15	16	23	8	2	19	33	26	3	32	30	15
22	28	26	27	26	23	14	12	18	20	20	****	19	23	26	16	19	6	2	12	22	5	16	19	16	18
23	18	26	22	18	15	11	7	7	9	10	10	11	12	14	15	15	13	12	5	4	7	5	4	4	11
24	8	7	9	8	11	7	3	6	12	12	13	16	16	14	12	11	9	7	3	3	3	7	9	8	9
25	10	10	13	13	13	6	4	2	3	6	****	3	6	6	6	5	0	0	0	0	0	0	8	4	5
26	2	6	14	12	15	11	10	4	9	10	10	11	11	13	14	14	14	14	14	12	13	14	14	13	11
27	14	12	11	8	4	-	1	6	12	9	17	18	20	21	16	10	10	5	1	2	6	5	4	5	9
28	2	7	5	5	6	4	6	9	14	15	19	21	23	25	25	24	21	18	2	1	2	8	13	14	12
29	14	15	16	15	14	7	4	6	6	7	****	16	18	19	20	20	12	2	0	1	0	1	1	1	9
30	3	2	4	0	0	0	0	1	4	12	20	23	22	21	21	-	8	2	7	16	6	4	2	6	8
MEAN	12	12	13	12	11	8	7	10	14	17	21	20	22	25	24	25	20	17	12	9	8	8	9	10	14.3

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	5	4	0	0	0	2	10	15	19	26	34	36	37	40	42	45	40	34	33	24	18	20
2	18	29	31	29	27	19	4	11	6	7	****	24	23	28	14	-	5	****	****	1	2	1	2	1	14
3	1	****	****	0	0	****	2	5	****	5	9	5	7	10	13	7	11	8	6	9	14	12	12	15	8
4	5	2	0	2	0	0	0	1	2	6	10	4	7	6	8	7	11	2	6	6	10	9	10	9	5
5	7	8	4	3	5	6	4	8	11	13	14	15	14	9	11	12	12	7	3	3	4	4	2	3	8
6	0	0	0	0	0	0	0	0	4	****	****	13	9	8	7	6	3	-	2	1	0	1	1	2	3
7	1	0	1	5	5	1	0	1	5	8	10	16	27	32	28	33	21	8	0	0	0	0	0	0	8
8	0	0	0	0	0	0	1	4	11	-	-	18	25	24	31	36	31	21	18	16	13	14	11	14	13
9	17	16	14	11	3	2	1	3	12	18	19	20	22	24	22	19	17	6	1	0	1	1	2	0	10
10	4	4	8	6	5	1	1	2	11	16	17	17	20	17	17	14	14	5	5	9	9	6	3	5	9
11	3	3	5	8	5	3	2	2	4	7	4	3	3	5	4	3	2	1	3	6	3	1	1	1	3
12	1	1	4	12	14	14	13	14	16	16	16	16	14	16	17	17	19	19	19	18	17	18	18	17	14
13	16	14	13	13	15	17	16	18	20	21	21	23	23	24	21	20	20	17	16	17	13	16	16	14	16
14	13	12	10	7	6	3	2	4	11	11	19	22	23	20	19	11	3	1	1	1	1	1	1	1	8
15	2	8	11	14	14	10	8	7	11	13	14	14	13	11	9	7	5	5	3	5	7	10	10	11	9
16	13	12	13	15	15	10	8	7	4	6	6	7	6	1	1	0	1	1	0	1	1	1	1	2	6
17	2	5	6	6	3	1	1	1	3	5	7	11	14	15	11	13	8	16	8	6	13	17	16	17	9
18	17	16	14	16	11	12	8	8	14	18	20	16	22	20	22	21	18	20	18	9	2	15	20	17	16
19	8	6	13	18	18	12	14	15	13	13	13	12	12	14	11	14	15	9	0	0	0	0	1	6	10
20	16	14	17	19	16	10	7	4	11	13	16	20	20	20	17	16	2	1	3	2	1	8	7	1	11
21	0	0	1	6	9	0	0	0	0	2	4	3	3	9	13	14	17	17	16	15	9	6	6	3	6
22	1	4	4	1	0	0	0	0	2	10	10	14	17	15	13	14	9	9	5	5	4	6	4	5	6
23	3	5	10	8	5	1	0	2	12	6	5	13	13	13	11	13	6	0	0	0	2	3	3	5	6
24	11	12	9	10	11	6	3	4	12	13	14	14	15	15	14	12	6	8	8	9	9	13	11	8	10
25	10	10	11	12	13	10	13	10	9	7	5	7	8	12	8	8	8	6	14	18	18	16	10	11	11
26	14	16	13	13	14	15	14	13	13	14	14	17	18	18	19	19	18	19	20	20	19	17	18	21	17
27	22	23	23	22	22	12	8	2	6	10	14	12	14	-	18	14	8	4	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	2	5	14	21	23	22	23	24	21	18	17	15	15	15	15	16	16	12
29	19	17	15	17	16	17	10	6	14	18	19	18	19	19	18	15	12	3	2	5	9	10	8	11	13
30	14	18	12	6	11	2	2	4	2	-	-	13	21	24	16	15	13	10	12	13	12	12	9	4	11
31	9	9	6	5	3	3	1	1	2	5	7	11	12	18	22	20	18	10	3	8	15	12	21	19	10
MEAN	8	9	9	9	9	6	5	5	8	11	13	14	16	17	16	15	13	10	8	8	8	9	9	8	10.1

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	18	19	19	18	15	14	16	17	15	15	18	17	17	16	13	11	13	11	10	10	13	13	15
2	14	15	15	14	17	17	16	16	21	23	25	26	24	24	26	26	21	11	1	0	0	0	0	0	15
3	0	0	2	0	0	2	0	0	4	8	10	10	-	5	3	1	0	0	0	0	1	2	2	8	3
4	14	11	16	23	21	23	20	18	13	14	10	12	4	4	6	1	7	8	10	8	5	13	18	16	12
5	17	17	12	5	11	13	10	12	15	16	17	19	18	17	18	16	13	10	5	5	4	1	0	0	11
6	0	0	0	0	0	0	0	0	5	5	8	8	10	2	6	3	0	0	0	1	0	3	6	2	2
7	4	1	0	0	0	0	0	0	0	2	4	4	6	2	0	0	0	0	0	0	0	9	14	8	2
8	11	8	9	15	19	18	18	16	18	19	20	20	22	16	15	14	8	0	0	0	0	8	15	8	12
9	12	11	12	12	12	11	6	6	4	0	4	8	9	15	14	11	10	8	4	2	8	14	15	17	9
10	20	20	19	19	19	17	17	14	17	19	21	21	21	21	22	20	21	21	20	18	20	20	20	19	19
11	22	22	22	23	21	22	21	18	19	20	-	21	21	20	19	17	18	16	17	17	20	20	21	22	20
12	23	22	22	22	22	22	15	11	15	19	19	21	23	23	23	21	13	3	2	2	1	1	1	1	14
13	2	2	0	0	0	0	0	0	1	2	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	****	****	****	****	****	****	****	****	****	****	14	14	14	9	8	9	10	11	12	9	9	6	******
15	6	7	4	2	1	0	0	1	2	2	2	5	8	9	10	11	8	5	8	7	6	9	10	7	5
16	8	7	9	8	11	10	9	10	15	16	17	18	19	21	20	20	16	3	1	0	0	0	0	0	10
17	0	0	0	2	3	4	1	1	2	2	-	7	6	6	7	5	6	7	12	15	15	14	14	15	6
18	15	17	18	19	19	18	18	13	8	12	15	17	16	9	17	14	8	2	2	12	18	19	15	16	14
19	16	16	18	18	12	4	0	0	0	1	6	6	5	5	1	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	3	5	6	6	8	4	1	0	2	3	3	0	1	0	2
21	3	4	3	2	1	1	0	1	2	2	2	2	2	0	1	2	1	3	3	1	4	6	9	12	3
22	14	14	14	16	16	19	12	1	4	12	11	13	12	11	13	9	6	4	1	2	1	1	1	1	9
23	3	4	3	4	2	1	0	0	0	2	3	4	3	3	1	0	0	0	0	6	6	3	0	0	2
24	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	0	0	0	0	2	4	3	4	5	1
25	6	9	11	13	13	15	14	13	12	14	15	15	16	****	16	14	12	13	14	11	11	5	0	0	11
26	0	1	4	4	2	1	1	1	3	7	10	16	19	17	17	13	5	1	1	1	1	1	1	1	5
27	-	1	3	11	13	13	6	9	12	11	10	10	11	13	12	9	9	12	12	10	9	8	9	10	10
28	8	11	9	12	13	9	4	4	5	7	5	6	7	5	4	2	1	3	2	1	1	0	1	0	5
29	0	0	0	0	0	1	5	11	12	12	13	12	14	17	20	19	15	12	7	9	3	6	9	6	8
30	7	14	12	11	8	8	8	10	12	18	20	21	16	14	11	7	8	8	5	4	3	1	2	3	10
MEAN	8	8	9	9	9	9	7	7	8	10	11	12	13	11	11	9	8	6	5	5	6	6	7	7	9.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	1	0	0	0	0	0	1	2	3	7	8	16	11	1	0	1	0	0	0	0	1	7	3
2	9	11	11	10	8	6	1	0	0	0	0	0	1	5	4	2	3	4	6	6	5	11	17	20	6
3	21	23	22	22	24	23	22	21	23	24	25	25	26	25	25	20	19	18	16	17	20	19	16	19	21
4	22	24	21	23	22	20	9	4	12	18	20	22	22	22	23	19	5	6	2	2	1	-	0	4	14
5	11	16	13	16	21	23	12	8	10	18	20	15	****	13	12	13	1	1	1	1	0	1	0	1	10
6	0	1	1	1	1	1	0	2	11	11	10	7	12	9	6	4	5	5	7	7	9	10	11	10	6
7	8	8	9	12	13	14	14	12	11	10	6	5	4	4	2	2	1	1	0	0	1	1	1	1	6
8	0	1	0	0	1	1	1	5	1	1	-	1	1	1	3	1	0	0	1	3	7	12	15	16	3
9	17	20	19	20	20	14	4	1	2	5	13	11	10	6	5	2	1	5	3	2	-	-	0	0	8
10	0	0	0	0	0	0	1	1	6	11	15	15	****	11	8	6	****	****	15	18	18	18	19	20	9
11	20	17	18	18	15	9	3	0	0	5	8	12	15	14	10	4	0	0	0	0	-	-	-	0	8
12	0	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	0	0	0	0	0	0	4	0
13	3	1	1	3	6	13	14	14	10	12	16	17	18	19	21	20	19	3	0	0	0	0	0	19	9
14	15	9	6	9	13	15	20	22	21	22	22	23	22	22	22	22	21	18	14	14	10	14	16	15	17
15	14	10	10	12	9	2	0	0	2	5	9	10	14	14	9	3	1	0	****	1	2	5	6	10	6
16	9	10	10	11	10	10	6	4	5	8	11	13	13	10	13	9	8	4	5	3	3	4	9	13	8
17	14	17	18	18	18	17	12	6	7	9	12	13	11	8	6	1	3	5	10	11	****	8	9	8	10
18	8	9	5	2	2	1	4	18	18	22	23	23	24	****	22	15	2	1	1	8	8	-	-	-	11
19	20	23	20	21	24	24	20	19	18	19	21	22	-	-	21	17	8	1	0	0	0	0	0	1	14
20	3	3	0	1	3	4	6	12	12	14	18	21	21	24	19	20	12	5	1	1	0	0	3	3	9
21	1	2	9	14	18	19	19	18	18	19	22	24	21	20	20	18	18	9	2	0	2	4	6	1	13
22	1	0	0	0	0	0	0	0	1	4	5	4	5	5	2	0	0	1	5	10	10	9	3	2	3
23	1	0	0	0	0	0	0	0	0	0	1	1	1	2	2	0	0	0	****	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	****	9	14	18	22	22	21	21	21	20	20	20	20	20	19	19	12
25	19	18	18	16	14	13	12	13	12	18	19	21	19	18	17	9	3	0	0	0	0	0	0	0	11
26	0	0	0	0	6	12	11	6	9	11	11	14	12	10	11	6	1	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	1	7	11	12	11	11	11	11	9	9	7	5	5	6	6	7	5
28	7	8	9	8	8	5	2	0	3	3	2	8	7	6	6	2	0	0	0	0	0	0	0	0	4
29	0	0	0	0	0	0	0	0	0	0	2	3	4	2	2	1	0	0	0	1	0	1	1	4	1
30	9	13	15	17	18	19	17	13	14	18	20	20	20	20	20	16	10	8	3	0	0	0	3	5	12
31	6	13	19	18	19	18	18	16	15	18	19	16	16	15	14	15	11	10	13	14	14	16	19	-	[illegible]
MEAN	8	8	8	9	9	9	7	7	8	10	13	13	13	12	12	9	6	5	5	5	5	6	6	7	8.4

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	11.9	22	27
FEB	29	16.2	24	46
MAR	31	18.3	28	37
APR	30	19.7	30	55
MAY	31	25.2	43	99
JUN	30	23.8	48	116
JUL	31	26.8	47	129
AUG	31	22.4	39	104
SEP	30	14.3	24	64
OCT	31	10.1	20	45
NOV	29	8.4	20	26
DEC	31	8.4	21	26
YEAR	365	17.1	48	129

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	319	419	0	0	0	0	0	0	738
FEB	187	490	5	0	0	0	0	0	682
MAR	168	529	41	0	0	0	0	0	738
APR	150	465	96	2	0	0	0	0	713
MAY	119	353	216	26	5	0	0	0	719
JUN	162	372	104	37	17	5	0	0	697
JUL	137	337	191	65	5	1	1	0	737
AUG	177	379	116	45	7	2	0	0	726
SEP	293	353	59	3	0	0	0	0	708
OCT	387	326	15	0	0	0	0	0	728
NOV	426	278	0	0	0	0	0	0	704
DEC	448	274	0	0	0	0	0	0	722
YEAR	2973	4575	843	178	34	8	1	0	8612

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
98.0	0	0.9	8.3	15.0	21.5	32.1	40.3	55.6	67.5	129	17.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	6	7	7	8	14	15	13	12	9	8	9	8	7	5	4	3	5	2	0	0	0	0	6
2	0	0	0	4	15	19	20	20	21	22	21	20	22	20	21	22	20	18	18	18	17	17	17	16	16
3	15	15	15	13	16	14	15	14	13	16	17	19	21	23	23	23	22	20	17	17	16	14	13	14	17
4	14	15	17	17	18	18	18	16	15	16	17	20	21	21	21	23	19	10	18	19	21	23	24	23	19
5	23	23	23	23	23	23	24	24	24	24	25	25	21	23	25	26	25	23	15	17	15	17	22	19	22
6	18	18	18	18	15	15	16	17	18	19	19	20	21	21	23	23	23	21	21	21	15	19	19	21	19
7	18	18	21	21	18	16	16	17	17	13	12	14	13	10	12	12	12	10	8	7	7	6	15	17	14
8	19	19	19	19	18	17	16	17	11	9	16	17	19	19	19	22	19	13	7	4	5	21	24	23	16
9	21	21	19	18	16	16	16	15	14	13	7	10	16	18	19	23	21	21	20	15	12	9	10	12	16
10	12	7	10	13	11	7	0	2	0	4	13	17	20	22	21	21	22	21	20	19	19	16	11	11	13
11	13	13	11	8	8	8	8	7	7	9	11	16	15	15	18	17	17	16	16	22	22	21	19	18	14
12	17	17	23	23	24	22	22	22	22	22	23	23	23	23	25	23	27	23	24	22	23	19	19	19	22
13	13	5	7	10	13	13	10	10	19	24	26	27	27	26	26	25	23	20	19	18	16	13	11	15	17
14	17	17	18	14	14	12	9	3	3	5	6	0	0	0	0	0	2	7	8	7	5	5	4	4	7
15	4	7	8	9	10	11	11	9	5	14	18	22	23	23	24	26	20	10	2	16	23	23	22	19	15
16	16	17	19	19	19	19	18	17	16	18	19	18	21	22	20	18	19	16	19	15	16	16	13	13	18
17	16	15	15	13	10	10	9	9	10	10	9	7	4	5	4	3	2	0	0	1	0	0	1	0	6
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	9	9	10	11	2
19	11	10	10	15	19	19	20	20	23	25	25	24	23	23	23	25	25	24	22	22	23	22	22	25	21
20	27	25	25	26	27	25	23	23	24	25	25	26	26	26	26	26	26	25	23	19	16	15	16	14	23
21	15	17	18	18	20	22	22	23	23	24	24	25	25	25	26	25	25	23	19	19	17	12	0	0	19
22	0	0	0	0	0	0	4	17	16	15	13	10	10	9	6	0	0	0	0	2	2	7	3	1	5
23	0	3	10	16	20	22	23	23	23	23	24	24	26	26	26	27	27	27	26	25	25	25	23	23	22
24	23	23	23	23	19	21	24	22	19	23	24	24	24	26	27	27	27	24	23	22	22	22	18	17	23
25	20	21	21	18	19	18	17	16	10	11	23	24	25	25	29	28	21	16	4	15	21	21	19	19	19
26	18	16	15	17	19	23	22	17	18	22	24	25	26	27	27	27	27	25	23	24	25	26	27	27	23
27	24	24	23	22	21	22	20	18	16	16	17	17	18	22	22	19	13	15	19	20	18	17	26	26	20
28	21	20	18	15	13	16	18	14	10	13	24	25	26	27	27	27	27	24	21	22	20	15	12	12	19
29	11	11	13	12	11	11	12	9	9	16	19	21	24	26	25	28	30	30	28	27	27	26	26	27	20
30	28	27	26	26	26	26	25	25	24	23	25	27	30	30	30	30	30	29	28	27	26	26	26	25	27
31	25	25	25	24	24	24	24	24	22	23	24	25	26	26	27	28	27	26	26	26	26	26	26	26	25
MEAN	15	14	15	16	16	16	16	16	15	16	18	19	20	20	20	20	19	18	16	17	16	16	16	16	16.9

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	27	27	27	26	26	26	25	25	25	27	28	26	25	29	29	30	30	28	28	28	27	26	27
2	26	26	26	26	25	24	25	24	24	24	26	27	29	29	31	31	31	30	28	27	27	26	26	26	27
3	27	27	27	27	26	25	25	25	25	25	25	26	26	26	26	26	26	26	26	25	25	25	25	25	25
4	25	24	24	24	25	24	24	24	24	25	26	27	28	29	30	31	31	30	29	28	27	27	26	27	27
5	27	27	26	23	23	25	25	23	23	26	27	28	29	30	32	32	32	25	26	24	25	24	24	23	26
6	25	26	27	27	27	26	26	24	24	25	26	28	28	28	29	29	29	25	22	21	18	24	25	24	26
7	24	23	22	22	21	22	22	21	17	18	23	28	29	****	31	33	33	31	29	29	29	29	28	27	26
8	26	25	25	25	24	24	24	24	25	27	30	31	34	34	36	37	37	36	32	30	29	30	30	28	29
9	26	26	26	27	23	23	26	25	23	23	27	29	31	31	32	32	31	30	28	27	28	29	27	27	27
10	27	26	25	24	24	24	25	25	23	26	29	31	32	34	35	34	29	29	30	19	20	19	16	16	26
11	20	16	12	8	6	10	16	22	19	16	14	12	24	25	23	23	13	15	7	2	0	2	3	1	12
12	7	16	19	21	22	22	20	21	24	34	34	34	38	38	38	38	37	36	29	25	27	26	21	14	27
13	3	11	17	18	9	10	6	5	5	6	10	13	16	22	22	17	13	14	17	23	19	9	2	8	12
14	9	9	11	12	11	9	10	10	7	8	10	23	34	34	35	35	34	34	34	32	31	29	24	21	21
15	22	24	26	26	29	29	19	12	12	20	28	28	29	30	30	29	28	26	22	20	19	21	24	25	24
16	28	28	28	26	25	24	23	23	24	25	26	27	29	31	31	31	32	34	32	31	29	29	28	28	28
17	26	26	25	24	23	23	21	21	22	24	25	25	29	30	31	33	31	31	31	28	18	15	20	19	25
18	21	20	20	21	22	19	18	22	22	19	17	23	22	22	30	29	25	25	28	31	31	26	27	26	24
19	19	19	12	10	9	9	10	9	6	6	6	7	8	9	7	4	3	0	0	0	2	0	1	3	7
20	7	8	4	4	4	4	5	7	10	11	14	15	18	18	16	13	8	1	0	0	0	0	0	0	7
21	0	0	6	12	14	12	16	14	11	11	11	11	15	23	25	26	29	29	28	29	29	30	31	31	18
22	31	30	29	29	29	28	26	24	21	21	21	20	20	19	16	16	16	15	15	13	12	11	12	15	20
23	17	18	17	17	19	21	22	22	21	21	22	24	27	27	29	23	25	22	22	18	16	15	13	12	20
24	10	11	8	14	14	13	11	4	7	10	14	25	29	30	32	36	36	36	34	30	20	23	24	23	21
25	21	21	19	21	22	26	27	25	21	25	30	30	31	31	33	33	32	29	27	27	27	27	27	27	27
26	28	28	28	28	28	28	27	27	27	26	26	30	31	31	31	33	34	32	29	17	2	10	14	15	25
27	15	24	25	25	25	23	18	17	16	13	14	17	26	32	33	34	36	37	36	34	33	31	29	28	26
28	27	27	27	27	27	26	27	27	26	28	29	30	****	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
MEAN	20	21	21	21	21	21	20	20	19	20	22	24	27	28	29	28	27	26	25	23	21	21	21	20	22.7

PERCENTAGE OF DATA VALID - 94.7 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	****	****	****	****	****	****	****	****	****	****	****	****	****	22	29	31	31	28	20	14	8	21	20	17	******
4	17	16	17	20	17	14	11	12	13	13	14	17	17	16	17	18	17	23	12	8	3	0	0	2	13
5	3	0	0	0	0	2	2	7	8	12	15	15	12	11	11	9	7	16	30	29	30	32	33	32	13
6	31	30	30	30	30	29	29	28	27	30	28	29	29	29	30	32	35	32	26	23	24	24	25	25	29
7	18	18	14	10	1	6	7	1	10	12	17	28	29	23	22	21	22	20	16	4	4	3	6	14	14
8	20	23	23	21	21	22	28	32	33	35	33	32	32	34	34	29	28	28	31	31	29	24	30	32	29
9	35	36	38	36	35	35	35	29	28	31	35	38	41	37	37	39	41	47	50	47	38	34	32	24	37
10	12	10	18	29	28	19	19	20	20	22	20	21	26	29	34	37	32	29	27	25	26	30	37	37	25
11	35	35	34	34	32	33	32	31	30	31	32	33	33	33	33	33	33	31	31	32	31	30	30	30	32
12	29	28	28	31	30	30	29	29	30	30	30	30	31	32	33	33	32	31	30	19	18	10	17	28	28
13	28	29	30	30	30	28	27	27	28	30	31	31	31	30	30	28	28	29	30	28	26	25	24	24	28
14	24	24	23	22	18	17	15	15	12	18	21	****	30	33	36	36	37	36	36	34	32	32	32	32	27
15	31	31	31	30	30	30	30	29	29	29	29	30	34	35	37	37	37	36	35	33	31	23	27	26	31
16	27	27	30	31	31	31	31	31	32	32	32	33	34	34	35	37	37	38	38	38	39	38	35	32	33
17	32	30	30	29	30	32	33	33	31	29	30	27	25	26	27	25	25	22	20	13	12	11	8	19	25
18	23	23	23	26	27	29	30	30	30	30	31	31	35	35	36	36	37	37	37	36	33	30	21	28	31
19	23	26	13	10	1	0	6	10	18	21	24	27	27	27	27	27	27	23	20	24	28	29	30	24	21
20	20	16	11	3	3	6	8	6	14	16	13	14	17	22	27	24	36	38	35	27	30	27	30	29	20
21	22	13	13	16	18	17	20	20	20	19	17	17	17	17	21	22	19	17	19	22	24	25	26	26	19
22	27	29	28	28	29	29	29	29	28	28	27	27	27	29	29	29	30	30	29	28	27	26	22	22	28
23	23	23	23	23	22	20	20	20	21	22	24	26	26	29	31	29	26	23	19	14	5	4	5	9	20
24	4	1	13	14	23	25	27	27	25	25	23	25	26	27	28	29	26	25	24	23	22	21	20	19	22
25	15	15	17	18	21	21	22	19	17	18	18	19	20	20	21	22	22	22	23	23	23	23	22	21	20
26	20	20	20	20	21	22	21	21	21	23	26	29	31	32	35	36	35	31	31	31	29	28	26	25	26
27	25	23	20	14	14	17	15	16	20	24	27	30	31	33	35	36	37	38	30	7	12	14	13	19	23
28	20	22	23	17	16	16	20	21	24	28	37	40	45	40	23	22	21	17	9	3	7	20	39	41	24
29	35	37	38	37	36	34	31	29	28	27	27	27	30	32	32	31	32	32	32	31	31	30	28	27	31
30	30	29	28	28	28	29	29	30	29	30	32	35	36	37	37	38	38	38	36	34	34	35	34	36	33
31	37	37	36	35	34	32	32	32	31	30	27	28	29	29	30	32	32	32	29	27	22	20	18	15	29
MEAN	24	23	23	23	22	22	23	23	23	25	26	27	29	29	30	30	30	29	28	24	23	23	24	25	25.3

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 8.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG, ORONO MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	17	18	18	24	26	22	23	26	29	31	32	31	34	39	****	44	40	18	18	7	0	5	3	22
2	7	7	4	2	5	5	4	3	8	21	31	38	45	45	46	47	49	48	46	41	36	35	34	32	27
3	27	27	24	17	16	17	24	31	34	36	37	37	39	39	39	39	38	34	32	32	32	35	35	34	31
4	35	35	34	34	31	31	30	27	25	22	18	18	14	13	11	19	18	19	30	29	28	28	30	31	25
5	31	31	31	32	34	32	30	30	30	31	32	34	36	37	39	42	43	44	42	39	34	29	18	20	33
6	18	18	22	27	25	25	29	32	33	33	33	34	35	36	37	38	39	37	34	32	29	27	26	29	30
7	32	32	32	31	27	24	23	24	26	32	40	44	48	53	53	51	45	33	32	36	51	48	41	26	37
8	26	36	40	42	40	37	36	34	34	36	40	43	49	54	56	54	49	44	42	43	44	44	42	36	42
9	35	36	37	34	32	31	28	21	26	29	29	31	40	42	44	46	40	37	32	31	31	24	13	9	32
10	26	31	24	14	21	19	21	17	11	12	17	19	21	12	8	17	12	8	8	12	16	13	14	14	16
11	14	12	10	7	6	6	7	7	7	7	9	12	14	14	13	17	17	15	13	7	0	0	0	2	9
12	0	7	8	9	11	13	15	15	11	13	14	16	15	15	16	18	18	20	19	30	32	25	25	26	16
13	23	19	17	17	17	19	22	22	22	23	23	23	26	26	26	27	28	28	27	20	17	18	16	22	
14	21	21	21	20	19	19	19	18	17	17	16	17	22	24	27	27	27	27	26	24	23	21	15	11	21
15	10	20	24	23	21	20	16	17	20	21	17	14	15	15	16	15	13	14	11	8	7	6	3	1	14
16	15	17	17	18	21	27	29	28	28	29	30	32	35	36	36	36	36	37	37	37	35	35	35	32	30
17	29	31	27	18	14	13	14	22	30	31	32	29	34	29	27	30	34	30	32	36	36	32	27	18	27
18	12	11	8	7	4	0	1	12	20	29	39	40	41	41	43	46	47	47	48	42	39	38	36	35	29
19	31	32	31	30	27	24	26	28	31	33	34	37	47	49	55	72	71	71	70	68	49	29	18	15	41
20	25	39	44	39	32	26	28	28	28	47	47	49	50	50	48	48	49	47	44	39	36	33	31	30	39
21	27	31	30	29	28	28	28	30	32	36	37	39	45	47	47	47	47	47	45	43	37	36	36	35	37
22	35	36	35	35	36	34	31	31	31	30	31	32	35	35	36	38	38	37	37	34	32	29	27	28	34
23	32	30	31	30	28	27	26	28	30	34	36	38	41	44	46	47	48	38	35	32	31	31	32	34	35
24	34	33	32	31	28	28	29	28	25	27	28	28	34	36	37	39	39	38	31	26	26	26	25	24	31
25	23	22	20	19	20	17	14	17	27	29	27	21	22	27	34	28	23	34	29	19	12	18	12	13	22
26	13	7	1	0	1	3	3	5	10	17	25	25	27	29	38	38	42	44	35	30	17	7	1	3	18
27	2	7	9	15	18	20	21	24	28	32	34	34	41	44	46	44	42	42	43	45	44	42	43	42	32
28	35	31	32	35	36	36	32	31	29	28	28	23	23	24	26	26	25	26	27	28	28	29	28	26	29
29	28	27	27	25	25	25	25	26	25	26	26	27	29	28	28	30	32	33	26	24	22	23	22	22	26
30	23	22	22	21	16	10	6	11	19	23	****	****	18	21	19	18	31	30	28	6	2	10	15	13	17
MEAN	23	24	24	23	22	21	21	22	24	27	29	30	32	33	35	36	36	35	33	31	28	26	24	22	27.5

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG, ORONO MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	19	18	31	29	26	5	3	11	15	14	30	27	41	41	47	42	37	23	19	27	29	30	25
2	29	29	30	29	29	27	26	23	22	24	27	34	38	40	43	46	49	45	42	35	28	23	28	29	32
3	23	29	25	18	18	18	21	28	35	35	37	42	45	46	50	53	51	54	53	45	43	40	42	38	37
4	39	38	33	29	27	24	28	32	37	38	39	40	40	43	55	58	60	56	50	35	10	6	9	3	35
5	12	7	15	23	7	3	18	23	28	29	32	37	51	60	61	58	59	61	41	48	29	29	47	52	35
6	50	44	38	28	26	25	23	21	23	25	28	30	37	36	37	37	40	38	38	39	22	12	7	6	30
7	6	9	15	14	15	8	8	12	19	21	27	31	28	26	22	20	21	22	23	24	23	22	21	18	19
8	18	16	14	14	10	10	12	16	16	17	15	17	23	21	19	20	20	14	6	5	21	22	26	21	16
9	24	24	25	25	25	25	24	24	25	25	27	27	25	25	27	27	28	31	28	31	24	20	19	14	25
10	12	6	3	8	3	3	6	19	28	32	19	25	31	41	46	54	61	56	50	45	46	45	46	41	30
11	44	42	36	35	30	25	34	31	36	47	49	55	60	55	45	45	46	47	44	39	36	35	28	31	41
12	19	7	3	4	9	3	7	22	29	29	34	37	38	41	40	39	35	31	34	26	27	21	29	32	25
13	18	15	17	31	34	27	8	27	23	21	31	31	35	36	36	38	42	39	37	29	23	13	15	7	26
14	3	23	28	34	37	37	33	31	31	36	34	32	32	31	32	34	36	36	31	26	20	22	20	22	29
15	20	21	19	20	21	21	22	23	26	28	30	33	41	41	41	40	38	39	40	35	29	25	25	27	29
16	24	24	24	25	27	28	28	30	32	34	24	29	36	****	56	57	60	63	59	38	22	28	17	13	34
17	6	9	23	24	20	13	21	24	27	33	41	44	53	58	58	59	56	60	60	58	44	54	61	57	40
18	56	58	57	55	52	50	45	39	35	31	29	25	29	31	36	34	38	30	32	31	32	26	21	24	37
19	17	25	25	24	29	35	36	38	41	45	37	46	49	50	43	45	50	57	58	45	25	23	29	25	37
20	21	21	20	22	17	16	21	24	26	32	31	34	36	40	54	56	53	45	48	36	23	16	13	18	30
21	24	27	29	31	30	24	26	32	39	36	43	44	45	41	54	73	75	70	81	62	30	12	15	5	40
22	3	3	12	23	18	15	10	4	10	19	34	56	82	102	115	109	122	114	102	69	32	9	21	37	47
23	18	28	30	41	38	24	27	31	18	44	88	84	108	130	151	147	94	97	97	73	54	45	53	60	66
24	67	72	75	73	65	62	46	55	68	59	57	63	73	71	96	83	87	83	77	72	66	63	58	51	69
25	52	47	43	41	41	41	42	42	44	46	47	49	56	57	56	56	58	57	53	49	44	46	44	41	48
26	36	32	34	35	33	31	31	32	35	37	40	41	45	48	51	51	51	48	45	43	42	44	44	44	41
27	41	40	37	35	32	29	29	31	36	39	44	45	45	45	47	46	46	44	39	38	36	34	34	39	
28	36	35	32	32	31	27	23	27	36	39	38	40	41	42	39	37	28	37	33	24	8	10	11	9	30
29	5	0	0	8	14	18	32	34	31	43	48	48	52	51	51	51	51	50	48	43	41	46	51	47	36
30	50	49	46	40	38	35	29	38	45	63	71	81	91	98	111	108	103	100	86	66	59	46	44	41	64
31	39	35	34	27	31	28	29	32	39	45	54	64	74	71	57	55	46	40	37	30	26	26	23	22	40
MEAN	27	27	27	28	27	25	25	27	30	34	38	41	47	50	54	54	53	52	49	41	32	29	30	29	36.5

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	21	21	21	21	21	23	23	23	25	26	27	25	27	24	30	29	21	23	18	17	18	19	16	22
2	19	19	17	20	19	14	18	19	16	15	13	16	19	18	25	29	31	30	28	20	10	3	15	19	19
3	23	20	22	19	20	23	21	20	23	25	29	36	40	41	43	42	45	42	34	30	30	31	30	29	30
4	29	22	17	21	26	27	28	31	32	35	36	37	38	****	41	42	45	49	45	39	35	27	25	25	33
5	24	26	23	21	16	15	24	28	37	39	41	44	42	43	46	52	45	63	58	42	12	6	8	9	32
6	38	36	38	25	34	36	31	28	30	35	37	38	37	39	42	44	45	45	43	43	45	43	36	38	38
7	38	38	40	36	34	31	36	40	31	40	44	52	60	60	63	53	62	59	62	64	61	48	48	41	48
8	39	32	28	40	28	15	17	18	19	21	25	25	26	25	25	23	24	28	29	26	26	24	20	17	25
9	12	8	11	7	5	3	3	7	13	15	19	35	35	34	34	32	35	35	32	31	28	22	18	13	20
10	14	15	11	10	8	6	11	17	18	19	21	23	24	25	32	38	33	34	31	31	26	28	25	23	22
11	22	25	22	18	13	12	17	21	26	28	31	23	28	32	27	32	36	36	36	32	24	25	15	3	25
12	10	10	6	8	7	8	11	17	27	32	32	36	42	46	48	52	50	52	47	39	30	12	15	20	27
13	17	15	7	7	13	11	19	38	32	29	36	49	68	77	79	83	88	84	75	64	49	41	10	15	42
14	25	20	33	39	33	22	31	53	56	73	79	66	96	112	116	119	111	102	94	76	55	38	46	56	65
15	49	48	16	16	18	23	26	31	18	32	28	29	35	****	-	-	-	-	-	-	-	-	-	-	******
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
MEAN	25	24	21	21	20	18	21	26	27	31	33	37	41	45	46	48	48	49	46	40	32	26	24	24	31.8

PERCENTAGE OF DATA VALID - 48.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 51.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	16.9	27	30
FEB	27	22.7	29	38
MAR	28	25.3	37	50
APR	30	27.5	42	72
MAY	31	36.5	69	151
JUN	14	31.8	65	119
YEAR	161	26.4	69	151

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG, ORONO

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	160	584	0	0	0	0	0	0	744
FEB	77	492	90	0	0	0	0	0	659
MAR	50	431	201	0	0	0	0	0	682
APR	56	348	290	13	0	0	0	0	717
MAY	50	263	297	104	16	9	3	1	743
JUN	24	168	118	27	6	5	0	0	348
YEAR	427	2286	996	144	22	14	3	1	3893

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.1	0	9.3	19.3	25.0	30.1	41.3	49.2	62.6	80.5	151	26.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	0	0	0	0	2	8	14	17	17	17	16	17	16	13	10	8	9	12	7	5	6	8
2	9	7	5	3	4	6	5	1	0	0	0	0	6	7	9	7	7	6	7	9	8	7	8	5	5
3	5	8	10	12	14	14	9	6	4	7	10	14	15	15	15	15	11	3	0	0	0	0	0	0	8
4	0	0	0	0	0	0	0	0	0	0	2	3	4	11	11	3	6	12	13	4	0	0	0	0	3
5	3	3	6	8	10	9	8	2	2	8	9	9	12	12	14	11	7	2	1	1	1	4	2	0	6
6	0	0	0	0	0	0	0	0	1	1	4	7	15	18	20	16	8	8	5	4	8	13	5	4	6
7	8	7	11	11	11	5	3	5	9	11	11	11	12	12	11	12	11	8	9	10	10	10	13	17	10
8	16	18	18	19	17	14	5	6	10	14	16	17	17	17	17	12	8	5	2	3	7	10	10	8	12
9	10	10	15	14	12	14	12	10	5	4	10	12	17	17	17	16	11	10	5	5	7	6	1	0	10
10	3	5	6	4	3	0	0	0	0	3	5	10	15	15	13	9	8	9	11	9	8	6	4	2	6
11	2	3	3	4	4	3	2	0	6	12	15	16	14	13	6	0	0	8	12	14	18	18	16	14	8
12	15	17	20	21	21	21	22	22	21	21	21	22	****	20	22	23	21	16	16	16	12	12	12	11	18
13	8	9	6	1	2	1	7	13	14	15	15	17	15	13	12	11	9	5	3	0	1	5	5	0	9
14	9	8	0	0	3	3	1	0	0	0	1	1	3	4	4	1	0	1	0	1	1	1	0	0	2
15	1	0	0	0	0	0	0	0	0	0	0	3	5	4	2	3	2	****	****	****	****	****	****	****	1
16												- DATA INVALID -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	5	7	6	6	9	******
19	7	6	8	17	19	20	18	16	14	12	15	15	17	17	16	15	9	6	9	14	15	14	14	20	14
20	20	20	22	23	24	21	19	20	21	23	21	21	20	21	22	22	19	16	13	10	6	7	9	12	18
21	17	15	16	23	22	21	16	5	4	7	16	14	17	14	13	13	11	6	1	0	0	0	0	0	10
22	0	1	2	4	6	10	9	1	2	0	2	1	3	3	3	2	1	2	4	4	7	7	5	6	4
23	10	13	18	20	20	20	19	10	10	18	23	23	23	23	22	22	20	17	16	16	18	18	18	19	18
24	23	23	22	22	24	22	20	16	15	16	17	20	19	19	19	19	17	13	10	5	4	5	0	1	15
25	2	2	4	2	0	1	0	0	0	1	7	12	9	9	10	6	5	0	1	0	1	2	4	5	3
26	7	8	13	18	20	20	18	13	12	15	19	22	22	22	20	20	19	17	11	10	8	13	14	15	16
27	15	15	13	17	17	19	20	20	19	20	20	20	21	21	20	13	14	15	16	17	14	14	15	14	17
28	8	8	8	16	18	17	16	13	14	16	18	22	24	24	23	20	17	11	9	6	5	6	7	9	14
29	12	11	10	10	9	7	3	0	1	4	6	12	****	18	19	11	9	6	4	7	11	14	16	2	9
30	0	0	1	13	18	18	10	9	6	14	16	17	18	****	21	17	12	4	4	9	12	13	13	8	11
31	17	15	14	20	19	19	17	10	9	15	19	20	20	20	20	17	12	10	11	12	18	18	20	19	16
MEAN	8	8	9	11	11	11	9	7	7	10	12	14	15	15	15	12	10	8	7	7	8	8	8	8	9.9

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	21	22	22	22	17	10	9	19	22	23	25	24	23	22	19	15	16	17	17	10	12	14	18
2	12	12	17	19	19	18	14	14	16	16	18	19	****	21	22	23	20	13	14	17	16	19	19	17	17
3	20	20	22	24	25	17	17	3	7	14	23	23	22	20	21	20	17	17	11	8	11	17	15	15	17
4	17	19	21	20	20	17	9	4	6	10	18	13	17	19	20	18	17	14	5	2	4	5	6	1	13
5	0	1	1	5	5	7	4	1	0	6	9	13	18	19	20	12	6	1	0	0	1	1	1	1	6
6	0	0	0	0	0	0	0	0	0	0	1	8	6	10	12	10	4	1	0	0	0	1	0	0	2
7	2	1	1	1	4	5	4	1	2	6	8	13	18	18	20	19	11	4	1	3	7	9	9	8	7
8	13	13	9	9	10	12	8	1	3	8	17	19	19	19	21	18	12	5	1	2	1	3	3	7	10
9	5	9	9	8	9	12	10	10	9	13	16	20	20	22	22	19	15	14	10	7	10	11	12	11	13
10	10	12	14	15	16	16	16	16	14	18	22	25	25	26	27	22	22	19	11	7	7	9	10	14	16
11	7	5	5	6	8	14	11	10	8	9	12	17	24	27	22	21	10	5	4	4	6	5	12	10	**
12	19	18	19	22	22	19	9	1	2	10	17	22	26	25	25	25	21	19	11	6	2	2	1	1	14
13	4	6	3	8	10	9	4	1	3	9	14	14	15	16	19	20	20	18	11	10	12	6	6	4	10
14	3	16	13	9	6	5	2	0	0	4	12	18	12	19	22	26	23	16	6	4	6	1	1	2	9
15	4	5	9	1	0	0	0	0	0	0	1	2	8	11	15	16	16	10	9	9	8	8	10	13	6
16	8	0	0	2	6	8	7	7	6	10	11	19	20	21	24	21	18	16	14	10	11	15	13	9	12
17	10	8	1	0	2	4	6	12	10	19	21	23	23	23	25	25	23	23	17	19	17	19	20	18	15
18	21	20	20	19	15	13	11	4	5	14	20	23	25	26	27	20	19	16	18	16	16	9	15	18	17
19	17	17	15	14	11	9	6	2	4	5	9	****	13	12	12	8	7	2	0	0	0	0	0	0	7
20	1	1	0	0	0	0	0	0	1	3	3	3	1	1	2	2	1	0	0	0	0	0	0	0	1
21	0	1	0	2	3	2	1	1	1	2	2	3	3	1	0	0	0	3	5	7	9	10	12	15	3
22	18	22	22	23	22	20	16	12	11	11	12	13	10	10	7	2	0	0	0	0	0	3	4	2	10
23	5	11	15	16	17	16	17	12	12	13	14	14	19	17	20	15	11	5	0	0	0	0	0	0	10
24	0	0	0	1	1	3	8	13	12	17	19	22	22	23	25	23	22	20	16	16	11	11	12	13	13
25	19	17	17	16	22	22	18	6	8	12	15	17	15	15	16	16	14	13	12	13	14	15	16	17	15
26	20	21	22	22	22	21	14	12	11	15	17	20	23	21	23	23	21	17	6	12	13	18	16	21	18
27	27	28	25	22	21	21	11	6	7	14	17	21	25	****	30	30	30	****	23	23	22	22	20	21	21
28	20	23	24	26	25	25	21	16	11	21	22	25	26	27	27	24	19	17	12	10	18	20	21	20	21
29	22	24	25	26	24	24	18	15	18	21	23	25	26	****	27	28	24	18	15	17	14	15	18	16	21
MEAN	11	12	12	12	13	12	10	7	7	11	14	17	18	18	20	18	16	11	9	8	9	9	10	10	12.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	4	10	16	20	21	17	22	23	24	25	25	25	25	25	25	20	14	11	11	13	16	18	17
2	13	12	7	2	3	4	7	10	15	22	28	28	29	29	30	29	27	26	20	15	13	9	3	2	16
3	0	0	1	2	4	3	1	3	7	15	20	22	28	28	31	31	26	22	21	24	25	25	25	25	16
4	27	27	27	23	18	16	12	7	13	17	20	18	****	23	27	27	19	16	11	8	8	4	0	3	16
5	8	9	10	6	8	6	0	0	2	3	4	10	8	2	3	15	24	26	25	28	29	29	25	25	13
6	27	32	33	34	35	31	19	13	22	23	28	33	35	36	37	35	28	23	19	13	2	8	17	20	25
7	16	18	19	18	9	1	1	1	4	6	10	22	26	28	30	29	22	9	0	3	1	1	14	12	13
8	15	17	13	0	6	9	4	2	3	5	7	8	10	9	13	18	21	24	22	19	18	10	31	30	13
9	24	26	32	34	34	31	30	27	31	35	35	37	41	45	47	53	54	45	36	26	15	17	22	22	33
10	11	9	17	29	23	18	7	3	8	17	23	****	22	21	21	16	11	9	10	7	17	25	25	24	16
11	24	22	22	23	23	22	20	18	17	21	21	21	22	21	21	20	20	19	19	17	19	20	19	20	20
12	21	19	17	18	19	18	15	12	11	13	18	18	19	17	17	14	13	8	4	3	3	1	0	7	13
13	17	17	18	18	18	17	14	5	3	8	11	10	4	7	13	14	11	11	13	13	13	10	8	7	12
14	9	9	8	10	11	9	3	2	1	4	7	15	17	20	20	20	19	18	16	15	16	17	18	18	13
15	18	18	19	19	19	19	17	17	15	15	14	16	18	19	19	18	17	12	4	5	3	4	4	1	14
16	0	0	0	0	6	17	18	17	17	16	13	12	16	17	17	17	17	16	15	13	13	16	14	13	13
17	14	14	14	15	13	3	0	0	0	0	1	2	9	5	4	1	0	****	0	3	10	19	25	27	8
18	30	30	32	34	34	35	32	28	29	30	31	32	34	34	36	36	36	36	34	26	24	12	16	17	30
19	10	3	0	0	0	0	0	0	6	11	24	28	31	32	31	31	31	14	4	3	2	11	0	0	11
20	0	0	0	0	0	0	0	0	1	5	16	27	29	30	40	44	43	25	4	7	18	20	14	8	14
21	13	7	2	0	14	20	14	10	2	0	0	0	0	6	9	13	18	19	19	20	23	26	27	28	12
22	29	30	30	30	30	30	30	29	28	27	25	23	18	18	17	15	13	13	12	13	11	12	12	13	21
23	11	11	12	14	15	12	11	11	12	17	17	10	12	14	8	6	10	7	10	4	12	13	4	6	11
24	8	13	13	13	23	25	18	9	9	11	19	22	****	15	5	7	15	12	1	0	0	1	5	7	11
25	15	20	24	26	21	20	18	13	13	16	19	20	23	23	24	23	21	18	17	17	6	8	10	10	18
26	18	19	17	15	15	22	23	13	11	14	15	16	25	27	28	11	8	4	0	0	1	3	4	5	13
27	5	8	11	11	9	7	2	0	3	15	20	26	28	31	34	31	28	21	****	11	14	15	15	14	16
28	19	17	10	0	0	0	0	0	0	1	8	18	27	19	12	8	4	3	0	0	0	3	5	7	7
29	6	8	5	0	4	23	23	23	14	9	9	10	15	18	20	23	16	8	9	7	4	5	0	0	11
30	0	8	13	14	17	19	16	17	19	24	32	33	34	29	30	32	31	31	25	23	20	25	27	27	23
31	28	29	30	32	32	32	29	23	22	21	22	19	18	18	16	21	23	20	****	22	11	3	0	0	21
MEAN	14	15	15	15	15	16	13	11	12	14	17	19	21	21	22	22	21	18	13	12	12	12	13	13	15.7

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	15	17	18	20	23	22	22	22	22	23	19	19	15	14	10	15	6	13	11	4	9	16
2	6	22	22	22	12	8	0	3	5	3	6	15	17	20	35	26	39	30	31	11	3	3	0	10	15
3	21	9	5	11	9	3	3	3	6	8	16	26	26	26	28	25	23	19	16	11	13	17	14	16	15
4	20	18	18	18	15	7	9	15	19	****	28	29	30	30	30	27	29	29	22	14	2	2	14	12	19
5	12	13	14	8	9	3	3	6	21	34	37	38	38	43	56	59	59	52	41	13	4	0	0	24	24
6	28	23	17	24	20	13	8	6	16	7	10	3	17	30	24	18	22	8	0	0	5	10	14	26	15
7	35	37	39	37	34	26	29	30	30	31	48	52	52	41	35	30	35	41	43	47	34	31	30	17	36
8	15	25	40	36	30	22	19	19	19	23	23	23	21	21	23	28	****	31	29	28	22	18	12	8	23
9	11	13	16	16	13	8	5	5	13	23	26	30	35	34	32	32	31	29	31	28	15	10	12	13	20
10	15	14	14	15	14	10	9	12	14	15	19	21	26	30	32	32	29	28	27	24	22	18	17	19	20
11	28	30	30	26	21	14	12	13	22	32	****	34	27	27	30	32	32	30	27	19	9	0	0	2	20
12	0	0	0	0	0	0	2	3	8	19	28	33	43	46	46	46	52	57	56	28	10	7	1	0	20
13	4	0	6	10	11	10	2	5	29	40	48	57	66	75	74	79	80	69	65	61	30	0	0	0	34
14	0	0	16	17	23	10	6	18	46	49	64	71	91	85	64	59	66	53	39	38	41	31	30	11	39
15	3	4	8	5	0	20	10	9	23	27	36	36	25	9	10	11	11	11	12	11	9	10	9	9	13
16	13	16	15	13	13	9	4	3	6	15	20	24	26	26	24	33	26	16	17	15	12	7	8	6	15
17	0	7	6	9	6	2	2	3	9	16	20	26	32	37	44	46	39	27	27	19	15	18	27	30	19
18	28	29	29	33	34	21	18	22	28	38	52	55	48	29	29	22	14	8	5	8	6	7	9	5	24
19	10	10	10	9	4	0	0	21	21	20	19	18	19	12	12	21	27	34	34	22	29	23	21	6	17
20	17	26	27	21	24	23	20	18	23	29	31	29	28	25	20	17	16	****	19	17	11	0	1	4	19
21	9	10	14	19	21	20	17	19	19	22	26	26	29	30	31	29	31	26	25	7	3	1	1	0	18
22	0	0	0	0	0	0	1	2	13	27	42	51	53	58	56	49	57	56	56	43	17	11	23	29	27
23	18	2	5	2	0	0	0	3	6	11	22	59	76	91	92	83	76	69	74	62	31	32	33	23	36
24	26	32	7	11	12	5	6	19	32	69	76	83	112	120	104	108	99	93	84	41	28	12	13	41	51
25	47	34	28	25	23	13	2	5	23	52	65	75	88	87	86	85	91	63	43	34	23	21	22	20	44
26	29	34	36	32	33	36	40	37	36	43	54	62	70	68	63	60	62	47	45	44	42	40	24	13	44
27	7	14	18	22	23	21	13	8	9	12	14	20	23	25	26	23	21	18	14	11	7	6	5	2	15
28	2	0	9	15	15	14	14	14	13	12	13	10	8	13	18	20	22	23	22	20	16	17	15	17	14
29	13	12	10	10	7	8	16	11	13	14	19	22	26	27	30	31	27	32	23	12	3	9	20	22	17
30	23	21	22	22	19	18	15	15	18	19	23	27	27	29	30	30	25	23	22	21	17	12	11	7	21
MEAN	15	16	17	17	15	12	10	12	19	25	31	36	40	40	40	39	40	36	32	24	16	13	13	13	23.8

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	6	7	11	7	10	12	20	24	30	31	32	38	45	45	43	45	47	38	5	18	17	9	23
2	11	8	19	16	9	6	8	14	19	22	****	28	31	32	32	30	27	23	20	13	6	1	4	5	17
3	10	8	9	8	7	2	2	3	5	7	13	30	31	41	48	61	63	56	31	12	7	1	0	4	19
4	0	4	3	5	3	7	7	15	24	37	51	72	91	91	87	92	73	50	****	36	18	0	0	0	33
5	0	0	0	2	20	20	17	10	25	33	40	42	48	46	47	50	43	41	41	32	29	22	23	23	27
6	23	23	23	24	24	23	22	19	19	19	23	26	25	25	25	26	25	24	20	14	2	0	0	0	19
7	2	2	4	5	0	1	2	2	6	14	20	25	32	30	26	27	27	25	26	40	41	36	25	16	18
8	22	21	19	17	16	11	4	7	11	19	24	34	37	39	35	26	23	22	19	12	6	0	8	11	18
9	16	15	12	10	9	3	1	2	2	10	19	23	****	24	32	31	18	8	11	7	0	0	0	0	11
10	0	0	0	0	0	0	1	2	7	17	30	43	54	63	65	68	68	65	43	30	15	8	20	20	26
11	32	36	33	34	36	25	19	12	12	21	26	40	38	42	42	39	38	29	22	15	11	5	7	8	26
12	8	8	8	7	8	9	9	11	14	22	22	23	29	28	27	26	26	22	16	13	7	3	5	6	15
13	8	10	13	16	17	16	17	18	20	22	27	34	41	45	47	48	50	51	39	22	1	3	0	3	22
14	0	2	2	2	3	2	2	2	11	26	32	50	56	53	55	47	51	35	****	31	9	1	0	0	21
15	0	0	13	16	36	12	0	0	3	4	16	30	41	66	63	47	34	23	20	15	22	23	22	16	22
16	24	22	20	22	23	18	11	11	17	19	21	24	26	26	25	28	29	40	42	39	31	8	5	7	22
17	4	2	19	22	15	9	9	17	21	23	23	28	28	25	25	23	22	21	19	15	13	9	7	5	17
18	6	8	10	9	7	4	2	2	2	19	21	28	26	19	17	17	23	23	14	****	14	15	9	10	13
19	10	11	20	21	13	10	8	17	39	49	60	71	75	74	72	67	52	55	54	42	31	22	12	5	37
20	4	4	4	2	0	0	0	4	8	20	14	23	27	29	33	21	18	8	9	6	0	1	3	8	10
21	16	14	15	15	14	5	1	3	12	12	16	18	20	19	18	15	14	12	9	6	7	8	9	10	12
22	12	11	10	8	7	5	1	0	2	2	7	9	7	7	7	5	0	****	7	12	12	11	11	12	7
23	7	7	9	14	16	10	8	14	17	19	20	21	22	21	21	21	20	19	18	12	5	2	0	3	14
24	4	4	6	9	10	6	5	6	8	17	30	37	40	39	44	45	49	58	39	22	8	6	11	15	22
25	17	14	15	15	11	3	3	7	14	23	39	46	51	49	48	47	46	43	****	37	39	40	39	27	29
26	27	25	12	13	15	9	8	12	19	30	30	28	18	14	19	17	15	5	0	0	0	0	0	2	13
27	5	1	0	0	0	0	5	9	15	39	39	40	46	50	51	48	42	39	39	36	31	14	20	25	25
28	29	23	17	23	28	21	6	5	8	11	11	5	5	11	13	15	17	18	17	14	15	7	7	17	14
29	11	5	7	10	11	12	12	8	11	17	****	47	62	57	54	43	34	7	15	5	0	0	0	0	19
30	0	1	5	14	17	18	14	10	16	18	20	23	25	27	28	26	24	24	17	3	0	0	4	5	14
31	6	7	8	5	0	0	0	2	7	22	27	28	32	35	44	49	****	43	38	36	45	45	41	32	44
MEAN	10	10	11	12	12	9	7	8	13	21	26	32	37	38	39	37	34	31	25	21	14	10	10	10	19.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	24	11	0	0	0	0	2	3	29	46	48	47	47	49	46	43	37	31	25	13	7	11	22	24
2	30	33	36	37	35	21	19	18	21	31	44	44	47	52	56	46	40	35	30	30	31	27	24	21	34
3	10	12	13	14	15	16	18	17	20	37	42	43	57	60	63	66	63	50	21	12	6	1	2	0	27
4	0	0	5	5	5	4	5	9	14	13	20	29	36	36	32	36	38	28	13	12	11	11	11	18	16
5	17	16	15	12	6	2	3	4	6	9	13	23	42	43	43	43	46	49	49	40	31	15	15	20	23
6	22	26	25	24	26	17	15	20	32	39	45	49	49	44	36	34	34	29	16	7	0	0	12	16	26
7	22	14	13	5	0	0	1	8	22	30	42	50	54	52	43	41	38	*****	*****	35	35	30	16	10	26
8	12	1	1	0	0	0	13	25	43	45	44	*****	*****	*****	*****	*****	*****	*****	46	44	37	25	20	19	22
9	29	25	27	28	27	27	21	22	24	25	29	30	30	38	28	27	26	22	15	13	9	9	10	9	23
10	8	7	7	6	5	5	5	8	14	22	23	21	24	26	25	23	23	22	12	6	6	5	0	0	13
11	0	0	0	0	0	0	0	0	7	15	22	24	20	20	14	22	27	19	25	25	24	12	6	2	13
12	11	15	19	19	17	3	3	8	18	20	25	25	27	28	28	29	25	21	20	14	7	6	8	7	17
13	7	8	10	9	7	3	3	4	7	11	19	23	29	32	37	36	30	25	12	2	2	0	0	0	13
14	0	0	0	0	0	0	0	5	13	35	37	29	34	39	43	43	40	33	*****	13	10	8	9	8	17
15	11	16	22	22	19	14	6	7	12	14	14	15	17	17	18	15	14	13	12	9	5	4	6	9	13
16	7	8	12	14	16	16	10	12	14	*****	17	18	22	23	23	22	22	19	14	9	2	2	2	1	13
17	0	0	0	0	0	0	1	2	5	14	21	24	27	31	33	30	25	24	16	14	11	15	15	13	13
18	11	9	10	10	9	7	0	4	6	10	13	13	17	15	15	18	15	10	11	3	1	3	0	0	9
19	0	0	1	9	8	7	1	5	11	23	31	37	39	36	30	48	53	46	17	1	0	0	0	0	17
20	0	0	0	0	0	0	0	14	19	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	******
21	- DATA INVALID -																								
22	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	26	20	25	31	33	35	28	23	15	4	1	0	0	******
23	0	1	5	20	25	26	22	20	23	26	*****	34	42	50	79	78	80	66	46	18	5	4	3	5	30
24	6	7	13	14	18	18	15	14	18	24	30	31	29	26	26	24	26	25	4	0	1	1	1	1	16
25	1	1	1	1	1	1	1	2	3	13	41	49	63	75	79	82	79	69	48	39	23	1	1	13	28
26	27	26	27	28	25	19	4	11	20	24	34	47	58	66	72	63	61	64	56	37	38	45	40	41	39
27	35	38	51	44	38	28	15	16	29	45	56	*****	69	68	65	63	62	57	48	39	42	30	22	24	43
28	23	18	9	17	15	8	0	0	1	2	2	2	3	6	9	9	11	9	8	7	6	6	8	5	8
29	8	8	14	16	14	7	4	10	24	35	35	*****	21	29	35	35	35	21	23	12	7	7	3	1	18
30	0	0	0	0	0	0	0	2	4	8	27	24	31	39	39	32	32	35	34	8	6	20	26	22	15
31	14	16	3	27	17	14	12	19	22	23	29	36	41	50	47	35	21	30	36	28	19	1	36	28	25
MEAN	12	11	12	13	12	9	7	10	16	23	30	31	36	39	39	39	37	33	25	18	14	10	11	11	20.4

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	33	36	32	27	27	19	24	27	28	28	28	23	24	34	44	44	40	20	26	34	24	23	29
2	22	25	28	27	23	13	4	2	3	8	4	10	20	19	24	20	18	*****	16	8	5	4	2	2	13
3	11	14	13	14	14	14	3	3	11	20	24	27	35	49	50	55	54	49	31	7	4	0	0	0	21
4	0	0	0	0	0	0	0	3	20	29	39	42	54	62	53	50	49	49	49	14	2	11	12	34	24
5	34	31	25	18	4	4	3	8	24	28	32	36	40	36	31	29	29	24	22	18	18	8	5	10	22
6	14	17	18	15	9	4	6	13	22	27	29	34	32	28	28	24	21	16	11	3	3	8	6	4	16
7	2	6	14	13	14	16	14	15	16	18	22	25	28	29	30	39	38	30	15	3	0	0	0	0	16
8	2	2	3	6	4	3	0	0	3	6	10	8	22	23	26	27	25	13	*****	0	0	0	0	0	8
9	0	0	0	0	13	14	3	0	3	20	23	28	42	45	41	27	13	12	10	11	11	12	11	10	15
10	11	11	14	13	13	9	3	3	8	16	19	21	24	24	23	22	22	20	12	3	0	6	8	8	13
11	14	16	15	7	5	0	1	4	13	19	29	34	34	35	35	35	33	30	24	6	2	16	19	19	19
12	19	19	16	7	8	8	3	1	2	6	9	10	6	3	4	4	2	2	0	0	0	0	0	0	5
13	5	5	6	7	7	6	5	2	2	3	7	7	7	12	13	11	9	8	6	11	3	12	4	2	7
14	0	0	0	0	3	3	1	4	7	24	30	19	24	23	22	13	9	7	4	5	5	4	5	6	9
15	5	9	7	7	7	3	0	2	4	6	10	15	23	26	28	27	*****	18	6	2	0	0	0	0	9
16	0	0	0	0	0	0	0	2	3	8	14	15	17	18	18	23	19	13	8	1	3	7	3	14	8
17	22	20	20	18	13	8	13	18	18	18	14	17	19	24	25	20	16	17	16	9	8	3	1	2	15
18	2	3	8	8	9	5	0	1	3	8	15	29	30	21	41	29	24	13	2	1	0	0	0	2	11
19	0	0	0	2	18	13	2	4	9	20	22	24	27	34	44	44	*****	*****	15	2	1	11	17	7	14
20	6	4	3	0	0	0	0	2	5	25	45	43	42	33	36	32	32	29	10	9	10	10	6	13	17
21	11	8	8	14	15	10	16	23	22	21	23	25	28	34	34	47	*****	54	52	42	40	37	30	27	27
22	23	17	21	26	21	14	7	3	7	17	17	18	20	30	28	30	34	31	32	22	9	17	7	13	19
23	22	26	23	17	15	10	4	5	9	11	11	11	11	11	11	11	11	10	6	3	3	4	4	4	11
24	4	5	4	0	0	0	0	1	5	9	12	19	22	17	14	10	*****	7	4	4	5	6	4	9	7
25	11	10	0	0	0	0	0	0	0	0	3	5	9	10	11	9	7	8	3	0	0	4	4	4	4
26	11	23	22	22	19	17	16	16	24	24	24	26	28	27	26	24	21	21	20	17	11	9	9	9	19
27	13	13	13	17	17	11	7	11	20	25	31	31	31	28	24	24	30	*****	22	17	20	17	13	11	19
28	10	8	7	10	11	9	8	18	22	23	28	27	30	29	30	32	35	25	8	7	7	6	7	7	17
29	7	7	8	8	8	8	6	3	8	22	30	31	37	37	38	35	37	17	0	0	0	0	0	0	14
30	0	0	0	0	0	0	0	0	5	6	11	21	29	31	33	27	21	9	4	3	0	0	0	0	8
MEAN	10	11	11	10	10	8	5	6	11	16	21	23	27	28	28	27	25	21	15	8	7	8	7	8	14.6

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	11	1	0	0	0	0	0	14	23	28	31	44	43	47	57	46	35	33	33	26	34	30	24	24
2	39	38	36	32	34	19	14	13	18	22	24	27	32	28	18	13	12	7	6	4	4	4	5	5	18
3	5	5	5	5	5	5	2	3	9	17	28	21	16	16	8	12	7	7	3	8	13	19	9	7	10
4	7	6	4	4	8	7	7	****	****	10	13	15	14	14	13	11	11	10	7	7	9	9	11	11	9
5	7	9	9	9	9	6	6	9	13	16	14	11	13	16	14	13	12	6	3	0	0	0	0	0	8
6	2	3	9	5	1	3	0	3	9	14	18	17	20	16	11	17	15	12	5	15	12	6	11	0	9
7	0	1	3	4	0	0	0	0	3	7	11	20	22	26	30	29	19	13	0	0	0	0	0	0	8
8	0	0	2	2	1	6	1	16	22	24	24	28	30	36	36	35	29	20	11	11	12	10	12	9	16
9	8	11	14	14	7	4	0	0	4	8	14	17	20	21	23	21	20	11	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	14	21	16	11	9	24	17	16	20	12	****	5	4	3	0	0	7
11	0	2	3	4	4	4	4	5	8	11	12	13	15	23	20	17	17	16	14	10	10	10	10	9	10
12	15	17	24	23	20	20	18	14	19	21	22	22	23	22	22	21	23	25	22	24	24	23	22	22	21
13	23	27	25	26	27	25	27	32	36	37	37	40	41	40	35	37	37	32	28	29	22	15	19	17	30
14	19	16	17	23	24	14	9	8	12	18	27	28	28	26	24	19	10	9	10	14	16	14	11	10	17
15	9	9	9	18	18	11	13	8	9	19	24	****	7	7	8	5	4	3	1	0	0	0	0	0	8
16	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	4	0
17	4	4	0	0	0	0	0	0	2	2	4	6	9	4	2	6	16	18	16	9	18	24	18	20	8
18	27	26	21	19	18	13	11	11	****	****	28	33	34	34	35	32	26	17	13	12	24	26	23	20	23
19	18	19	24	26	28	30	28	24	24	24	23	22	19	25	26	27	24	23	18	10	10	18	17	19	22
20	33	34	35	34	31	24	15	9	8	13	22	23	24	20	18	14	17	****	8	6	6	6	13	15	19
21	14	16	20	23	18	18	8	6	9	15	****	19	29	25	30	34	22	17	7	12	14	14	14	13	17
22	19	16	18	18	17	13	6	2	3	10	13	17	19	17	15	11	8	4	5	5	10	4	0	0	10
23	0	0	0	0	0	0	0	0	1	5	15	13	8	10	12	12	16	12	6	3	12	13	19	20	8
24	23	23	23	24	23	18	12	11	12	15	18	19	18	17	20	18	15	10	4	11	11	13	12	10	16
25	12	13	16	17	18	18	12	8	10	****	19	26	22	19	16	10	10	18	20	21	21	27	29	33	18
26	34	35	35	34	35	36	36	36	****	24	19	20	20	20	21	20	20	19	18	18	18	19	18	18	25
27	21	21	21	23	23	23	20	9	10	15	18	19	20	19	19	14	0	1	0	0	0	0	0	0	12
28	0	1	1	0	0	0	0	0	1	13	16	22	26	25	26	22	15	11	12	14	17	16	15	17	11
29	19	18	16	15	18	22	12	2	8	13	15	17	21	21	19	16	7	3	0	1	6	8	8	10	12
30	13	13	11	12	12	12	6	3	4	9	20	23	25	26	24	23	14	11	13	16	17	18	19	17	15
31	16	13	14	13	12	11	7	5	6	9	14	18	21	22	23	21	16	10	5	8	10	1	7	19	12
MEAN	13	13	13	14	13	12	9	8	10	15	19	20	21	21	20	19	16	13	10	10	11	11	11	11	14.0

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	20	18	21	21	21	19	16	19	19	18	20	19	19	17	11	10	13	18	18	23	25	17	18
2	17	21	21	22	23	24	22	22	18	22	24	27	25	25	26	25	18	6	0	0	0	0	0	0	15
3	0	0	0	0	3	3	2	1	5	9	10	8	8	5	4	1	1	0	0	0	0	11	16	14	4
4	7	22	25	27	28	25	23	18	18	17	15	14	12	8	9	9	8	3	5	10	15	13	14	18	15
5	16	15	16	17	17	16	11	3	4	16	18	20	20	19	17	17	13	13	14	4	6	5	1	4	13
6	7	12	13	7	4	3	2	2	5	7	10	13	15	14	13	12	11	12	13	16	16	8	5	6	9
7	15	15	14	12	11	10	4	1	4	7	9	9	6	****	3	1	0	2	3	1	4	7	9	13	7
8	13	13	14	19	22	20	20	14	15	14	15	16	18	20	20	19	9	0	0	1	12	19	19	12	14
9	11	4	2	3	5	6	7	3	1	3	11	17	17	16	16	17	15	11	6	10	10	7	11	16	9
10	20	23	24	23	22	22	22	22	19	21	23	23	24	23	22	24	21	22	23	22	23	25	25	25	23
11	26	27	27	27	27	27	24	11	6	13	18	17	20	21	23	18	15	16	16	15	14	14	17	23	19
12	25	23	23	26	22	14	6	8	11	16	16	20	23	22	17	11	2	5	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	3	3	8	6	8	5	1	0	0	0	0	0	0	0	1
14	0	0	0	0	2	3	3	3	4	5	7	12	18	15	13	6	3	1	1	1	1	0	3	0	4
15	1	4	7	5	7	11	5	5	4	4	5	7	12	14	15	15	12	5	3	4	6	6	5	5	7
16	3	1	3	4	1	3	3	4	10	16	21	19	19	17	17	16	8	2	0	0	0	0	0	0	7
17	0	0	0	0	0	0	0	0	0	6	12	10	9	10	7	1	0	****	1	4	0	0	0	0	3
18	2	6	7	9	11	12	13	3	3	7	9	12	14	12	11	10	5	2	7	8	10	12	13	14	9
19	15	15	14	15	15	13	6	3	1	8	8	9	7	5	3	2	1	0	0	1	2	1	0	0	6
20	0	0	0	0	0	0	0	0	0	1	2	4	7	6	6	5	2	0	0	0	0	1	0	0	1
21	2	2	1	1	1	1	1	1	0	0	1	1	3	3	2	2	2	2	3	5	5	7	8	8	3
22	10	10	11	8	5	0	0	2	2	5	6	7	9	9	9	6	5	4	4	1	1	3	2	1	5
23	0	0	0	1	1	1	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	0
25	7	7	9	10	11	11	9	4	4	7	7	8	10	10	11	11	7	6	6	6	3	2	3	1	7
26	3	3	2	1	0	0	0	0	0	0	4	6	9	9	8	6	2	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	3	3	3	6	7	4	4	5	7	7	0	7	6	5	5	6	6	6	4
28	8	8	9	9	9	10	6	5	2	2	2	1	0	0	2	0	0	0	0	0	0	0	0	0	3
29	0	0	1	0	4	14	16	13	12	11	14	15	15	18	19	20	17	14	10	11	14	16	14	15	12
30	17	15	15	13	12	12	13	13	14	15	15	20	16	16	13	5	6	5	7	7	1	1	0	4	11
MEAN	8	9	9	9	9	9	8	6	6	9	11	11	12	12	11	10	7	5	5	5	6	6	7	7	8.2

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	6	2	2	1	2	1	0	0	0	3	6	15	13	13	9	2	0	****	0	0	0	0	1	4
2	6	7	7	7	7	5	2	0	0	0	0	1	2	2	2	2	3	6	4	3	14	19	22	22	6
3	26	27	28	29	28	28	26	21	22	23	24	24	25	25	23	21	19	8	10	7	9	10	5	3	20
4	16	18	18	14	14	14	8	0	0	2	4	4	10	10	6	2	0	0	0	0	0	0	0	0	6
5	0	0	0	0	0	0	0	0	0	0	6	11	12	9	7	7	5	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	14	15	12	14	10	6	2	4	3	4	5	4	0	4
7	0	0	0	0	0	0	0	0	0	4	4	1	3	1	2	2	2	2	2	2	2	2	2	2	1
8	0	0	0	0	0	0	0	0	0	0	1	8	10	10	****	2	1	1	3	5	12	12	15	12	4
9	21	23	24	23	23	21	20	4	1	6	9	11	12	5	10	8	0	0	0	0	0	0	0	4	9
10	5	5	8	11	15	14	13	4	2	9	13	15	14	14	14	****	10	14	20	19	19	20	18	20	13
11	7	8	4	12	12	4	1	1	2	6	16	18	19	19	19	****	10	10	12	11	8	8	8	8	10
12	8	8	6	4	5	5	3	0	0	0	4	4	4	1	1	1	1	1	1	1	1	4	5	8	3
13	8	8	8	10	9	15	17	17	16	13	16	17	20	19	20	20	20	14	6	3	5	4	7	12	12
14	14	13	14	15	16	21	21	23	23	23	23	23	26	26	26	25	22	8	3	3	9	11	15	13	17
15	18	22	20	19	15	7	7	2	1	5	10	10	8	6	2	0	0	0	0	0	0	0	0	0	6
16	0	0	0	0	0	0	0	0	0	1	4	7	12	12	12	7	3	0	2	2	1	6	11	13	4
17	14	10	15	14	15	14	8	3	0	4	8	11	8	5	3	****	2	5	7	3	2	5	5	4	7
18	5	10	7	4	4	4	5	14	17	19	20	19	21	21	18	15	13	15	16	13	15	18	19	20	14
19	19	16	16	23	27	25	22	14	9	12	17	22	23	22	20	****	7	2	1	2	2	6	6	10	14
20	12	12	14	16	17	16	12	14	14	10	4	20	23	23	21	18	14	6	2	2	10	12	14	16	14
21	13	13	13	15	18	17	17	18	16	18	18	20	23	22	22	21	19	14	12	12	7	11	12	16	16
22	18	15	14	13	16	18	18	18	15	18	17	20	20	21	21	20	20	21	20	21	21	21	20	20	19
23	18	16	16	15	15	11	11	12	7	6	6	6	6	6	6	6	4	0	0	0	0	0	0	0	7
24	0	0	0	0	0	0	0	0	1	10	15	17	21	20	19	19	19	19	16	16	17	16	16	19	11
25	17	16	16	16	16	16	14	16	16	17	18	19	24	22	21	16	9	14	11	19	16	11	9	6	16
26	8	14	16	18	19	18	15	13	16	17	17	15	16	15	13	13	8	1	1	1	1	2	1	1	11
27	0	0	0	0	0	0	0	0	0	3	4	5	3	2	2	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	1	2	8	13	11	10	4	3	2	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
30	13	12	13	13	14	16	13	5	6	12	14	14	****	10	10	7	5	0	0	0	0	0	0	0	8
31	0	0	0	0	0	0	0	0	0	1	2	2	3	5	12	7	5	2	1	1	1	1	1	1	2
MEAN	9	9	9	9	10	9	8	6	6	8	10	12	14	13	12	10	8	6	5	5	6	7	7	8	8.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	9.9	18	24
FEB	29	12.2	21	30
MAR	31	15.7	33	54
APR	30	17.8	32	49
MAY	31	22.8	44	116
JUN	30	23.6	51	120
JUL	31	19.7	37	92
AUG	28	20.4	43	88
SEP	30	14.6	29	62
OCT	31	14.0	30	57
NOV	30	8.2	23	28
DEC	31	8.5	20	29
YEAR	360	15.7	51	120

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	362	309	0	0	0	0	0	0	671
FEB	292	399	0	0	0	0	0	0	691
MAR	243	433	60	2	0	0	0	0	738
APR	205	419	92	0	0	0	0	0	716
MAY	180	345	174	27	5	3	0	0	734
JUN	177	370	99	52	14	4	0	0	716
JUL	265	311	121	34	4	0	0	0	735
AUG	233	285	127	33	2	0	0	0	680
SEP	333	299	72	8	0	0	0	0	712
OCT	288	396	49	1	0	0	0	0	734
NOV	460	258	0	0	0	0	0	0	718
DEC	445	292	0	0	0	0	0	0	737
YEAR	3483	4116	794	157	25	7	0	0	8582

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	96	99	MAX	ARITH MEAN
97.7	0	0.0	6.3	13.2	19.9	31.5	40.1	51.2	62.7	120	15.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	17	20	20	19	21	21	21	21	20	17	16	16	12	12	14	13	14	16	15	12	11	5	16
2	8	7	8	8	17	17	18	14	16	16	16	17	16	16	17	18	15	14	14	15	19	20	17	16	15
3	20	19	19	18	19	19	18	17	15	15	16	17	18	18	18	17	17	15	12	9	11	11	11	12	16
4	14	13	11	11	12	10	6	5	7	13	17	18	20	****	****	16	17	18	9	9	9	15	17	19	13
5	23	23	22	23	23	23	23	23	22	22	22	23	23	22	22	23	23	21	21	19	20	21	22	21	22
6	20	18	14	10	11	14	15	15	16	18	19	19	19	18	15	17	19	16	14	15	17	14	14	13	16
7	14	14	15	14	14	12	10	4	5	8	11	10	11	11	11	8	8	7	8	8	9	10	11	12	10
8	13	14	14	13	13	14	12	10	10	12	15	15	16	16	16	15	11	4	2	11	17	18	18	16	13
9	17	16	15	14	17	17	16	13	13	11	10	15	16	17	17	15	14	11	5	8	9	10	9	8	13
10	8	10	9	11	12	11	4	2	3	9	7	8	15	16	14	13	13	14	14	13	12	10	10	9	10
11	9	8	7	6	5	4	6	6	6	5	4	6	9	9	8	****	6	3	15	15	15	17	15	13	9
12	15	16	16	17	17	18	18	18	19	18	18	18	20	20	20	22	24	23	22	21	22	21	20	17	19
13	13	16	15	16	18	15	4	5	10	16	19	21	24	21	20	20	19	18	17	13	11	8	5	7	15
14	10	10	10	8	7	2	0	0	0	0	0	1	7	8	6	8	7	8	11	10	8	10	10	8	6
15	7	8	9	12	14	15	12	11	8	13	17	20	22	23	23	22	20	12	10	12	13	14	17	18	15
16	19	19	19	17	17	17	18	17	16	14	13	12	-	-	-	-	-	-	-	-	-	-	-	-	******
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29	-	-	-	-	-	-	-	-	-	-	-	-	10	11	13	13	13	13	12	12	12	14	15	16	******
30	17	17	18	16	16	15	14	6	8	13	15	17	****	19	19	19	18	15	14	14	16	17	17	17	16
31	18	18	19	18	18	17	17	16	14	14	15	16	18	18	19	18	18	16	15	16	17	17	17	18	17
MEAN	14	14	14	14	15	14	13	11	12	13	14	15	16	16	16	16	15	13	13	13	14	14	14	14	14.2

PERCENTAGE OF DATA VALID - 57.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 41.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	26	17	17	17	17	16	16	17	18	18	20	20	20	20	18	17	17	17	17	17	19	18	18
2	18	18	18	18	18	18	17	18	18	18	18	19	19	19	19	19	20	18	13	15	16	17	17	17	18
3	14	15	16	17	17	18	18	17	17	17	17	17	18	18	18	17	17	16	15	15	15	15	15	16	16
4	17	17	17	17	17	16	15	14	14	18	19	****	20	20	20	20	18	18	17	17	18	19	18	19	18
5	19	18	18	19	20	17	12	6	10	17	19	20	23	22	21	21	18	13	10	10	12	14	15	17	16
6	20	19	19	19	17	17	17	19	18	18	19	19	21	21	21	21	20	15	13	9	16	12	11	14	17
7	16	15	15	16	17	16	15	14	13	14	16	17	20	20	21	21	18	15	15	16	17	17	17	17	17
8	15	16	16	17	19	18	17	16	15	17	19	20	22	22	23	23	21	17	15	14	15	17	19	17	18
9	17	18	19	20	20	20	19	16	15	17	18	19	21	21	22	23	22	19	17	18	18	19	19	19	19
10	19	18	18	18	19	18	17	18	18	20	20	21	25	25	26	25	24	21	13	3	4	3	0	6	17
11	8	6	5	9	11	15	16	11	9	9	10	14	20	20	21	19	18	12	1	0	0	0	0	0	10
12	0	10	14	16	16	17	16	16	13	19	22	23	24	25	26	25	23	16	15	13	17	13	10	11	17
13	11	10	11	10	10	12	11	8	7	12	16	19	20	21	22	22	19	16	12	13	13	11	8	8	13
14	7	7	9	10	10	8	7	3	4	7	15	22	23	24	25	24	22	22	20	18	14	7	7	6	13
15	7	8	15	17	17	17	7	2	10	21	23	22	20	20	21	19	21	21	20	18	15	16	17	20	16
16	21	21	22	22	22	21	20	19	19	21	24	26	27	26	24	23	24	23	22	21	21	20	19	17	22
17	11	11	11	10	13	13	13	10	14	17	20	20	22	23	23	23	24	24	25	25	20	19	20	21	18
18	21	20	18	17	15	13	10	8	7	8	11	19	25	26	24	24	19	9	4	15	21	20	14	13	16
19	14	14	13	13	12	10	8	5	4	4	9	15	17	14	13	14	8	6	0	0	0	3	7	7	9
20	3	4	5	5	4	5	5	5	7	8	8	10	10	10	10	5	3	0	0	0	0	0	0	2	5
21	6	8	10	11	13	13	10	7	8	9	10	10	12	15	17	17	17	17	20	21	20	19	19	19	14
22	22	22	21	20	20	20	18	14	13	13	13	13	13	13	13	13	13	13	10	10	11	12	12	11	15
23	11	12	13	17	17	18	18	19	19	19	20	23	24	25	27	26	27	26	25	13	8	0	0	0	17
24	0	0	4	4	0	2	3	7	14	14	16	19	22	22	23	24	24	24	23	21	20	19	17	15	14
25	16	16	17	18	19	18	15	10	10	16	21	23	23	23	23	23	23	21	20	20	19	19	19	19	19
26	19	19	19	19	19	18	16	16	15	16	18	19	21	21	21	22	22	20	20	19	16	15	8	6	18
27	15	19	21	20	18	16	16	13	11	11	13	16	20	21	22	23	21	19	19	19	18	17	17	18	18
28	17	17	18	18	19	18	17	16	16	17	18	20	21	21	21	21	21	20	18	17	19	19	19	18	19
29	17	18	18	18	17	16	16	14	14	14	16	17	18	17	****	19	19	18	18	18	17	13	13	15	17
MEAN	14	14	15	16	16	15	14	12	13	15	17	19	20	21	21	21	19	17	15	14	14	14	13	13	15.9

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	17	20	21	21	21	21	21	21	22	24	23	23	23	22	22	21	20	20	20	19	19	21
2	20	19	18	17	18	19	17	17	21	22	24	25	24	25	25	26	26	25	22	15	10	8	9	9	19
3	13	10	8	10	6	2	0	2	4	8	18	24	27	****	32	32	31	24	17	18	18	21	22	22	16
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA UNAVAILABLE -												
8													- DATA UNAVAILABLE -												
9													- DATA UNAVAILABLE -												
10													- DATA UNAVAILABLE -												
11													- DATA UNAVAILABLE -												
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	27	27	26	21	17	15	24	25	******
13	27	26	26	24	23	22	21	21	20	22	23	23	25	23	22	23	23	23	22	23	23	21	19	18	23
14	18	15	17	20	21	22	15	11	11	14	15	22	27	28	29	30	29	29	27	27	26	26	26	26	22
15	26	26	26	27	28	25	25	24	24	24	25	27	27	27	27	27	28	28	28	25	18	11	19	23	25
16	25	26	25	26	27	28	28	26	26	27	27	27	28	28	28	29	29	30	30	33	33	32	32	31	28
17	27	20	19	17	17	16	20	22	24	23	16	15	14	18	19	16	19	20	15	7	4	18	22	22	18
18	22	22	23	23	25	26	25	25	25	26	26	26	28	28	28	29	30	30	31	30	30	28	24	27	27
19	29	28	27	23	18	15	6	5	9	10	17	20	23	26	29	26	19	12	1	7	6	6	16	20	17
20	18	13	5	1	3	6	7	10	9	8	9	14	20	24	26	34	36	36	34	25	19	19	23	25	18
21	27	20	16	15	15	16	13	14	16	16	16	14	****	10	11	14	16	17	18	19	20	20	20	22	17
22	22	22	22	22	22	22	21	21	21	22	22	23	24	25	24	24	23	23	23	22	23	23	22	22	23
23	22	22	22	22	22	20	21	23	24	27	31	31	28	26	23	18	16	16	18	21	20	17	16	13	22
24	13	17	15	19	10	17	19	25	27	26	25	26	29	32	33	30	28	29	21	23	22	21	21	21	23
25	22	23	26	26	22	17	17	16	16	16	18	19	20	20	21	20	19	20	21	21	21	21	20	20	20
26	21	22	22	23	23	22	22	21	23	21	21	****	28	31	34	32	29	24	20	18	19	20	21	23	23
27	24	24	24	23	23	22	20	19	19	28	30	32	31	32	35	32	39	41	37	28	14	20	19	20	27
28	16	16	18	18	21	24	20	18	18	23	31	34	39	43	45	44	39	32	28	26	40	40	43	43	30
29	40	37	37	35	34	32	31	29	25	24	23	25	29	31	31	31	32	31	31	32	28	28	32	33	31
30	32	32	31	32	30	28	28	27	28	31	33	34	34	35	36	35	34	35	35	30	24	33	34	34	32
31	34	34	34	34	33	32	32	30	29	29	29	29	29	29	29	30	31	34	34	35	31	26	28	27	31
MEAN	23	22	22	22	21	21	20	19	20	21	23	24	27	27	28	28	27	26	24	23	21	21	23	24	23.2

PERCENTAGE OF DATA VALID - 71.8 PERCENTAGE OF DATA INVALID - 9.0 PERCENTAGE OF DATA UNAVAILABLE - 19.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	28	29	27	24	20	22	27	33	34	37	37	38	40	43	43	44	43	36	23	14	3	0	0	28
2	0	0	0	0	0	0	14	20	22	28	31	36	41	42	41	39	38	35	34	31	28	28	30	29	24
3	28	28	27	26	26	27	27	26	32	36	37	38	37	37	33	32	32	32	32	30	30	29	30	31	31
4	30	30	30	27	26	30	29	29	28	23	15	10	8	13	12	13	20	26	28	27	26	27	29	28	23
5	29	29	30	31	29	28	28	27	27	27	28	29	31	33	34	35	35	35	35	28	20	15	22	24	29
6	24	25	28	30	31	29	30	30	28	28	30	32	31	32	34	33	32	29	27	28	28	27	26	27	29
7	28	28	28	27	25	24	24	24	25	27	34	33	37	36	35	38	34	27	38	37	29	20	16	20	29
8	35	34	30	29	30	31	29	27	27	30	36	37	35	36	****	37	40	34	33	30	27	26	28	30	32
9	30	32	34	35	35	34	32	28	27	29	27	30	34	35	36	37	38	33	31	32	31	29	25	26	32
10	28	24	21	24	25	23	20	17	12	10	13	14	13	12	12	12	9	13	8	7	3	3	4	6	14
11	9	12	14	15	15	17	17	17	15	14	17	18	22	23	25	26	25	17	15	13	12	15	14	9	16
12	1	2	9	8	5	7	8	9	11	14	16	17	18	13	7	9	6	17	31	27	25	25	25	23	14
13	22	22	23	25	25	26	25	23	23	24	25	25	23	23	25	24	24	23	23	23	23	20	19	18	23
14	21	21	20	20	19	19	18	18	17	16	16	17	19	19	22	23	23	22	21	20	20	18	18	5	19
15	17	24	23	23	22	22	19	17	15	15	19	****	19	17	15	13	8	3	1	0	0	4	10	14	14
16	15	15	16	19	20	22	23	24	24	24	27	29	30	30	31	30	29	28	29	29	30	29	28	26	25
17	24	23	23	21	21	14	11	15	25	29	23	24	30	32	35	38	38	38	37	36	28	12	12	11	25
18	6	8	13	21	22	23	21	26	28	35	38	38	37	37	36	35	33	33	32	31	29	24	26	28	28
19	28	26	26	24	24	25	26	28	29	27	27	20	35	40	49	52	61	60	55	50	48	44	40	37	37
20	32	18	34	42	39	38	40	37	42	43	41	41	40	40	39	38	36	34	34	28	27	25	23	23	35
21	26	28	27	27	26	26	25	23	29	32	36	36	36	36	34	34	31	30	30	29	27	27	16	22	29
22	25	28	28	27	28	21	28	30	31	28	30	31	31	31	32	31	30	30	24	22	20	20	22	24	27
23	24	25	24	24	25	24	24	25	25	27	33	39	****	45	46	34	23	25	25	26	26	27	28	28	28
24	28	29	31	29	27	27	26	26	24	28	31	32	35	35	36	37	37	36	30	28	16	10	12	10	28
25	9	12	14	16	16	16	16	14	12	10	12	17	28	32	32	31	31	29	25	22	20	16	17	14	19
26	14	17	15	12	17	15	13	19	22	29	32	34	38	38	36	31	31	26	25	15	13	17	17	16	23
27	17	16	15	14	16	16	16	18	19	28	30	32	36	35	35	35	36	36	36	36	36	36	34	22	28
28	30	27	23	25	25	25	26	26	25	23	23	24	24	21	22	23	21	23	22	21	21	21	22	22	24
29	23	23	23	22	23	23	23	23	20	22	25	25	24	24	24	24	26	29	31	22	16	17	18	17	23
30	20	19	19	20	21	17	9	10	15	23	24	26	28	26	34	39	35	30	17	9	8	13	18	19	21
MEAN	22	22	23	23	23	22	22	23	24	25	27	29	30	30	31	31	30	29	28	25	23	21	21	21	25.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	21	21	22	23	20	15	13	18	24	27	29	37	36	35	36	42	37	29	24	23	23	23	23	26
2	23	23	21	22	22	22	20	20	24	27	30	36	39	50	52	43	38	31	27	25	25	27	29	28	29
3	24	27	31	30	29	30	28	27	26	29	32	36	38	38	39	37	37	35	32	31	28	28	27	25	31
4	24	31	31	31	30	28	28	29	30	31	32	35	36	36	35	35	36	35	30	26	11	6	6	24	28
5	32	31	30	31	32	34	26	28	34	21	29	37	54	51	49	50	50	50	48	26	29	42	45	39	37
6	35	34	28	23	23	19	16	16	19	22	24	25	26	27	27	29	30	31	32	25	18	15	18	25	24
7	25	24	23	24	23	25	23	19	26	26	27	****	20	21	21	19	17	17	19	18	18	17	16	16	21
8	16	16	17	16	13	11	11	15	16	18	19	20	23	22	21	20	17	21	20	16	20	22	22	22	18
9	22	21	21	20	19	17	16	17	19	22	24	25	25	26	28	28	27	25	24	20	19	20	22	20	22
10	23	22	20	18	16	15	14	17	23	28	33	36	37	40	42	45	46	50	47	41	32	28	29	30	31
11	27	28	31	30	29	33	34	36	38	42	45	47	39	36	35	35	36	37	34	30	26	23	26	22	33
12	23	23	24	20	15	5	7	19	27	31	31	32	35	37	39	40	32	29	28	28	22	32	33	35	27
13	37	37	37	36	27	27	27	27	21	21	27	35	34	38	36	31	32	32	32	34	30	26	26	24	31
14	26	26	27	31	36	31	27	25	22	24	25	25	24	24	25	25	26	22	19	19	20	16	16	15	24
15	13	13	15	16	16	15	13	15	20	23	28	31	28	29	27	29	29	29	29	27	21	20	17	15	22
16	21	20	20	20	20	20	18	23	23	23	29	32	36	36	38	38	40	37	31	17	10	0	0	6	23
17	14	17	23	29	30	26	25	26	20	25	30	35	40	41	44	45	44	44	44	43	41	48	48	50	35
18	50	49	46	45	45	43	40	34	33	32	32	29	16	17	21	35	37	35	31	30	33	30	30	26	34
19	29	30	32	32	32	33	34	36	36	40	44	46	51	52	53	52	51	52	49	39	34	26	20	18	38
20	16	15	13	12	15	20	22	22	25	27	30	32	40	40	40	47	46	46	45	28	7	3	12	18	26
21	31	31	33	32	31	28	21	23	30	44	47	49	54	54	54	56	55	52	24	5	1	4	6	15	33
22	36	39	41	42	35	31	31	34	41	44	51	56	59	58	55	53	53	51	50	30	28	22	23	25	41
23	24	29	39	46	47	45	41	39	50	59	65	70	69	70	73	98	102	104	97	57	46	43	46	51	59
24	53	53	59	60	63	64	62	58	57	56	54	51	50	53	57	58	56	52	48	46	44	42	39	38	53
25	36	30	27	25	25	25	26	27	28	32	31	32	35	36	37	38	36	36	37	34	32	30	30	30	31
26	31	31	32	31	29	25	24	25	26	27	28	30	34	34	33	32	30	30	30	30	32	31	30	30	30
27	30	30	30	27	25	22	17	18	22	29	30	31	29	31	32	30	30	29	27	24	24	26	26	27	27
28	28	28	27	25	20	21	14	13	20	30	31	34	36	37	39	43	38	34	32	30	28	12	4	1	26
29	0	3	3	2	4	16	20	25	27	32	36	35	38	37	36	36	38	41	40	36	27	30	32	36	26
30	34	34	35	35	30	24	27	34	36	34	38	63	85	82	75	65	50	47	50	47	41	32	34	29	45
31	24	24	25	26	25	23	24	27	30	38	46	48	52	49	44	30	28	24	19	18	17	16	14	14	29
MEAN	27	27	28	28	27	26	24	25	28	31	34	37	39	40	40	41	40	39	36	29	25	24	24	25	31.0

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	17	18	19	20	21	23	23	24	25	26	26	29	30	31	22	22	22	20	17	16	19	19	17	22
2	19	20	21	23	24	24	21	17	13	11	12	13	11	16	25	28	28	25	23	22	20	6	5	8	18
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	-	-	-	-	-	-	-	-	-	-	30	28	27	26	26	25	25	26	27	27	21	0	0	0	******
12	11	8	10	10	9	5	7	11	14	17	19	30	36	45	48	48	41	37	37	40	40	28	27	29	25
13	26	25	21	18	6	7	11	22	21	36	53	57	65	73	81	82	79	71	66	62	54	41	20	7	42
14	4	0	0	0	0	7	22	33	40	55	71	79	89	104	91	71	64	63	60	46	41	42	45	47	45
15	47	49	33	36	30	28	34	35	31	37	39	37	11	10	11	12	13	13	13	15	15	15	17	20	25
16	19	19	19	18	19	17	15	16	18	21	22	24	28	28	30	29	28	29	26	21	17	15	17	18	21
17	23	23	22	21	20	11	10	16	24	29	30	31	37	43	42	41	41	42	39	26	22	17	4	8	26
18	22	23	27	27	28	23	21	23	28	40	45	46	40	39	40	45	46	48	48	44	38	29	27	23	34
19	21	21	20	20	21	23	26	28	28	27	29	29	38	49	56	61	64	63	56	58	52	44	38	41	38
20	43	41	38	16	18	20	22	21	20	22	22	23	26	23	22	22	22	20	20	18	20	15	8	8	22
21	14	22	26	26	25	22	20	20	23	26	27	32	38	37	35	34	35	33	32	29	18	4	3	4	24
22	7	11	13	16	18	16	25	42	42	51	55	58	66	69	71	70	70	66	64	56	47	36	30	37	43
23	35	29	32	31	24	16	10	29	35	40	57	69	76	74	74	96	74	82	76	68	53	39	26	38	49
24	61	69	68	70	77	75	64	70	89	96	103	96	89	83	88	117	111	112	109	100	74	41	39	22	80
25	22	37	66	79	72	57	42	42	63	73	81	99	137	****	123	121	105	96	79	49	39	42	35	36	69
26	34	30	31	26	32	30	28	39	51	60	70	70	61	53	42	38	39	40	32	36	40	36	27	19	40
27	17	31	35	33	29	23	16	12	13	15	19	22	27	28	28	28	28	28	28	25	21	20	17	16	23
28	12	14	15	17	18	15	17	17	15	15	16	16	17	18	19	22	26	27	25	21	21	21	18	21	18
29	22	23	21	21	20	17	17	19	21	21	25	27	34	40	43	44	49	40	34	27	14	21	26	19	27
30	26	30	30	30	26	22	21	18	21	25	25	23	23	24	28	30	31	30	28	25	20	17	17	19	45
MEAN	24	26	27	27	26	23	22	26	30	35	40	43	46	43	48	49	47	46	43	38	32	25	21	21	33.8

PERCENTAGE OF DATA VALID - 71.8 PERCENTAGE OF DATA INVALID - 25.1 PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	18	15	13	13	13	17	24	26	29	37	41	46	49	51	48	46	45	46	38	33	19	16	30
2	18	20	25	23	20	18	25	29	30	31	32	34	36	36	36	31	26	25	24	21	19	20	18	21	26
3	20	19	19	19	18	17	17	18	21	28	35	44	48	46	42	42	41	37	30	25	15	9	4	12	26
4	17	25	35	45	46	31	34	37	38	37	39	40	39	43	45	37	31	28	34	22	15	8	10	24	32
5	27	21	25	31	29	26	33	31	34	35	45	51	62	58	59	55	43	42	42	34	27	23	22	24	37
6	25	25	25	23	21	20	19	18	21	23	24	24	24	25	27	27	26	25	24	22	16	11	4	8	21
7	13	16	20	20	16	12	6	10	14	12	15	20	29	36	39	40	31	26	21	16	13	9	26	22	20
8	23	25	23	20	16	15	17	21	21	19	21	29	32	39	37	36	35	28	22	19	18	17	17	15	24
9	18	18	18	18	18	14	12	15	19	22	23	25	26	27	32	41	37	34	30	25	24	14	6	11	22
10	13	14	20	18	10	5	11	10	22	36	43	44	****	52	52	62	60	50	47	47	45	20	21	27	32
11	32	45	51	50	45	38	36	33	37	38	44	46	46	43	42	40	37	32	28	22	21	19	18	22	36
12	22	21	20	15	15	10	14	18	21	24	27	30	25	29	30	30	27	28	28	22	18	18	17	13	22
13	15	17	18	19	19	19	20	21	25	27	30	32	32	31	33	32	32	33	30	21	14	9	13	17	23
14	12	10	15	16	14	10	11	17	21	33	39	53	57	54	60	68	58	55	49	36	26	22	16	6	32
15	0	1	3	16	33	38	36	17	11	26	32	32	46	70	75	55	50	43	37	28	27	28	28	28	32
16	24	24	22	22	20	15	18	24	25	26	28	29	35	35	29	27	33	39	42	34	46	45	42	36	30
17	35	26	25	23	29	27	31	31	34	37	37	37	35	35	34	34	35	34	28	25	22	17	14	12	29
18	14	14	15	14	14	11	12	14	20	26	30	43	66	94	72	42	29	28	28	26	19	13	14	18	28
19	17	11	9	12	9	12	12	16	37	47	56	68	72	82	89	78	62	62	60	53	51	49	47	31	43
20	25	23	24	25	23	27	28	40	53	44	45	46	47	49	58	62	54	49	43	30	20	23	28	34	38
21	51	52	57	54	59	46	41	39	45	43	43	49	52	49	49	48	41	40	40	38	35	35	35	30	45
22	25	26	30	27	22	11	5	7	8	8	19	27	32	34	31	24	22	21	17	8	1	18	24	21	20
23	24	23	23	24	24	24	19	18	17	19	22	23	22	23	24	24	23	22	22	19	17	14	15	12	21
24	13	13	14	16	17	16	14	16	19	21	24	28	30	31	32	30	30	31	27	29	28	12	3	0	21
25	2	10	21	24	27	26	19	16	23	36	38	51	58	****	58	54	55	55	57	56	46	45	45	35	37
26	28	23	32	32	30	33	30	26	36	46	48	46	43	48	51	44	39	47	40	32	30	27	29	27	36
27	32	37	38	38	35	35	38	41	44	45	48	57	59	64	67	58	58	56	52	47	42	46	51	48	47
28	43	39	38	44	49	50	47	41	40	37	32	27	26	26	28	28	28	25	41	42	27	50	49	42	37
29	36	30	29	30	35	35	31	37	50	52	48	52	44	47	47	47	44	39	45	43	31	43	32	31	40
30	25	27	27	29	35	34	28	26	29	****	****	27	31	31	31	31	30	30	27	20	14	11	10	14	26
31	12	14	22	21	14	4	4	18	12	25	36	38	43	46	53	56	56	51	50	40	37	36	39	42	32
MEAN	22	22	25	25	25	22	22	23	27	31	34	38	41	44	46	43	40	38	36	31	26	24	23	23	30.4

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	39	34	34	31	29	26	20	21	26	41	52	58	56	60	60	54	52	50	38	31	9	6	4	4	35
2	20	45	44	43	40	35	28	32	37	45	49	62	66	60	49	60	48	40	43	54	45	39	29	21	43
3	21	21	20	21	29	30	27	33	37	40	43	45	42	42	40	39	38	33	24	19	19	14	19	16	30
4	13	19	22	22	22	19	22	26	28	30	34	40	38	42	45	49	51	51	37	25	20	19	22	23	30
5	20	21	22	25	25	23	21	21	20	24	30	29	39	63	64	52	49	51	49	48	37	25	18	12	33
6	10	14	15	11	13	14	20	31	43	49	46	47	43	43	40	37	37	37	37	30	21	25	20	25	30
7	25	32	29	20	20	17	7	14	16	****	49	68	74	75	68	51	46	48	47	38	35	30	35	28	38
8	22	22	14	13	10	4	12	9	19	38	41	37	35	31	37	46	49	38	36	34	25	29	27	31	27
9	32	32	32	30	27	27	28	28	29	29	29	29	26	26	25	25	26	26	24	23	20	19	20	20	26
10	18	20	20	18	15	16	20	24	26	26	28	30	28	31	31	31	30	30	24	21	16	16	17	22	23
11	21	21	19	23	23	19	18	22	28	29	32	36	34	34	37	34	37	30	28	29	29	30	26	25	28
12	27	29	31	29	24	21	23	25	34	34	36	35	****	28	28	****	23	22	23	20	18	15	12	14	25
13	8	8	8	5	4	7	10	16	20	25	26	26	26	29	38	34	35	25	20	19	9	3	2	4	17
14	7	15	12	8	11	11	11	8	13	21	36	34	42	41	40	37	34	36	32	28	21	29	27	26	24
15	27	23	24	23	17	12	15	15	17	19	18	19	19	20	22	22	22	22	20	18	17	17	17	17	19
16	12	12	13	13	13	14	14	15	16	17	19	19	20	21	23	23	23	23	20	15	14	13	12	11	16
17	14	15	18	18	20	19	21	22	25	28	30	30	30	29	29	29	26	25	20	12	10	12	12	12	21
18	13	15	15	15	14	16	16	13	12	22	23	24	23	25	29	31	32	34	37	40	34	34	37	29	24
19	30	26	24	12	10	4	6	24	31	35	****	38	37	31	30	29	32	29	25	20	25	23	25	23	25
20	23	22	25	21	23	17	23	26	30	36	41	42	36	36	34	30	34	33	30	31	32	34	31	31	30
21	34	35	34	31	26	21	22	23	26	30	34	36	38	41	44	41	41	34	37	37	35	31	30	33	33
22	27	25	25	27	26	23	20	17	20	26	29	34	37	34	25	31	35	34	32	21	16	4	4	9	24
23	10	7	8	10	16	12	26	29	26	29	32	38	38	36	33	31	31	32	31	24	21	17	19	17	24
24	19	19	22	20	20	21	21	27	31	31	33	35	30	32	41	52	57	51	46	36	5	4	4	13	28
25	14	11	16	18	21	15	3	6	11	25	37	****	47	50	54	55	60	57	52	37	36	34	40	45	32
26	25	24	19	16	14	10	8	19	26	35	38	43	54	66	68	69	85	77	68	35	29	30	40	32	39
27	27	29	21	19	21	7	6	19	39	52	56	60	66	72	63	64	60	54	37	42	38	44	41	31	40
28	13	15	18	15	13	11	11	12	12	14	15	****	15	16	17	15	12	13	16	15	14	14	12	12	14
29	9	10	10	10	10	13	17	23	29	34	42	46	47	45	44	46	41	29	18	12	16	20	23	26	26
30	29	31	30	31	30	26	24	26	30	38	36	50	42	40	38	41	39	36	30	25	26	28	28	29	33
31	26	32	29	31	27	27	23	22	29	42	44	47	40	43	45	46	46	40	43	21	18	20	20	23	33
MEAN	20	22	22	20	20	17	18	21	25	31	35	39	39	40	40	40	40	37	33	28	23	22	22	21	28.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	32	33	27	26	29	28	28	31	35	38	35	42	36	37	43	47	44	31	23	21	30	30	30	33
2	23	18	10	19	19	16	12	11	15	10	4	11	20	24	27	31	34	31	24	20	23	21	19	23	19
3	21	23	22	22	18	15	19	23	25	29	32	****	30	29	30	31	34	34	32	44	28	24	34	31	27
4	31	40	40	37	30	24	21	24	22	30	40	49	48	54	63	50	51	55	49	40	40	39	42	17	39
5	13	19	23	22	16	6	7	21	36	37	39	41	37	34	35	34	34	34	22	16	19	19	22	22	25
6	8	6	21	24	26	22	25	27	29	28	29	28	29	28	28	26	27	25	20	20	18	12	15	17	22
7	13	18	21	24	22	20	19	20	21	26	29	30	31	31	34	31	30	27	19	17	12	12	12	15	22
8	12	13	16	11	5	2	2	3	5	14	27	29	30	38	52	48	40	26	15	9	9	8	16	12	18
9	15	8	8	10	6	3	3	5	6	12	28	18	26	42	33	22	18	18	17	16	19	17	19	19	16
10	15	15	15	15	15	12	13	15	19	23	27	27	23	23	23	23	23	23	21	16	17	7	9	13	18
11	17	13	19	25	20	12	11	16	25	29	31	33	****	****	34	34	37	33	29	19	15	17	19	18	23
12	16	19	18	16	17	11	12	12	15	17	19	20	21	16	16	17	17	14	11	9	6	5	5	13	15
13	11	11	12	12	14	14	16	16	17	17	19	19	20	20	19	19	19	20	27	30	30	32	32	33	20
14	27	23	20	14	9	9	9	6	9	22	25	25	15	14	14	15	16	16	18	18	17	17	15	15	16
15	9	9	10	9	9	7	8	10	10	12	16	18	21	22	24	28	28	22	18	15	8	0	0	0	13
16	7	7	6	7	8	12	10	9	10	14	18	21	19	20	23	26	29	28	26	28	20	22	19	20	17
17	23	24	23	19	23	25	20	22	25	21	****	18	17	21	25	29	26	24	21	21	20	21	13	15	22
18	16	16	16	18	14	9	6	14	23	26	22	24	27	29	30	35	28	21	18	19	16	18	16	16	20
19	12	12	10	9	5	4	6	15	23	27	27	30	30	32	36	33	38	40	44	38	30	25	20	21	24
20	20	21	18	13	16	17	13	10	13	21	31	35	37	42	40	43	37	36	32	25	30	29	26	25	26
21	21	17	15	17	16	18	20	20	21	20	21	21	20	25	31	37	35	40	44	38	39	38	32	30	27
22	27	25	22	21	19	16	18	20	23	23	25	25	20	30	32	38	29	31	15	31	24	25	17	13	24
23	23	21	18	15	13	12	10	12	14	12	14	14	15	15	19	19	16	14	12	13	13	13	13	15	15
24	11	11	13	12	11	10	12	18	17	18	20	23	20	14	15	17	13	8	5	9	8	12	11	11	13
25	16	15	17	15	17	9	7	9	14	17	18	17	18	13	6	8	7	4	5	0	0	10	14	7	11
26	5	23	23	26	21	15	12	13	15	15	14	17	16	16	15	16	18	18	16	14	14	13	16	26	17
27	20	18	12	6	6	4	6	11	14	20	21	23	21	21	20	17	20	20	20	18	17	17	13	14	16
28	15	15	16	17	16	16	17	19	20	21	23	25	23	24	27	25	23	19	12	14	16	19	17	21	19
29	15	15	17	17	18	18	17	18	18	21	25	29	28	31	31	30	28	23	20	15	11	7	14	22	20
30	20	13	10	5	16	13	5	12	9	10	20	31	39	42	36	28	19	19	8	10	12	11	14	4	17
MEAN	17	17	17	17	16	13	13	15	18	21	24	25	26	27	29	28	27	26	22	20	18	18	18	18	20.5

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	10	9	8	7	7	15	25	28	27	27	****	26	31	35	34	30	19	29	28	21	18
2	28	27	26	26	28	26	22	16	18	18	26	29	26	21	17	12	14	5	4	4	5	7	7	7	17
3	8	11	10	6	4	4	2	4	4	5	6	8	****	****	****	****	****	****	****	****	****	****	****	****	******
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	13	11	10	10	7	5	2	2	2	5	11	******
17	9	8	7	6	6	4	3	5	8	11	15	19	27	27	20	13	15	19	20	19	10	20	20	19	14
18	16	18	18	15	13	13	11	17	19	19	21	23	24	20	20	18	21	21	15	12	22	22	22	20	18
19	18	14	13	18	21	20	17	15	15	16	16	17	18	21	23	23	21	18	3	2	7	9	19	18	16
20	18	19	22	19	15	15	11	9	17	20	23	24	22	24	24	21	20	16	11	10	21	19	18	18	18
21	15	12	8	11	15	11	10	2	4	8	13	17	18	20	19	19	22	21	21	21	17	19	19	19	15
22	16	16	16	15	14	9	4	5	15	18	18	20	18	17	16	17	16	13	13	14	12	14	17	16	15
23	15	14	14	12	11	7	6	10	17	21	23	24	22	22	22	23	20	15	14	14	6	16	16	16	16
24	14	14	13	10	12	15	12	12	17	16	****	25	21	21	18	18	16	15	15	17	19	20	20	19	17
25	16	16	16	16	15	15	17	19	21	21	19	20	20	21	21	17	17	13	16	16	14	15	15	17	17
26	15	15	13	15	15	16	16	16	17	18	20	22	24	23	23	22	22	22	24	24	23	22	24	24	20
27	22	22	23	23	24	22	22	22	24	23	24	25	22	21	22	22	20	21	17	12	13	3	4	5	19
28	5	6	6	8	14	18	16	13	21	29	28	28	28	****	26	26	23	21	23	23	26	25	25	28	20
29	27	25	25	23	21	16	12	14	23	25	26	26	22	22	22	20	19	13	16	19	18	15	13	21	20
30	26	24	27	24	20	15	13	8	9	12	20	24	26	26	27	23	13	10	12	14	19	17	17	17	18
31	12	9	9	7	4	4	6	7	9	15	19	21	22	20	21	20	20	13	14	22	20	23	23	23	15
MEAN	16	15	15	14	15	13	12	11	15	17	20	22	23	22	21	19	19	17	15	15	15	17	17	18	16.7

PERCENTAGE OF DATA VALID - 57.5 PERCENTAGE OF DATA INVALID - 42.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	20	20	20	20	18	19	18	18	19	20	21	21	21	19	19	19	20	20	20	21	21	21	20
2	24	24	21	21	19	23	24	23	27	30	29	25	26	25	24	25	23	10	1	0	0	1	2	15	19
3	13	11	10	10	8	7	6	6	10	17	17	14	13	12	9	11	6	4	3	4	4	1	4	11	9
4	22	22	27	27	26	26	25	15	19	25	27	25	21	17	15	18	18	18	15	17	21	23	23	23	21
5	21	21	21	21	19	17	15	14	16	18	22	23	24	25	24	23	21	19	25	20	16	20	17	16	20
6	8	12	14	4	7	6	5	2	3	6	12	10	12	13	14	12	10	10	4	8	11	14	12	11	9
7	10	6	6	7	7	3	2	2	6	7	13	16	15	8	6	2	0	0	0	5	15	17	15	15	8
8	15	13	16	24	23	25	24	24	26	28	30	31	24	29	29	29	10	4	5	7	6	9	13	21	19
9	16	16	16	16	16	15	13	13	14	13	11	14	16	16	19	18	18	16	16	17	22	23	24	24	17
10	23	22	21	23	23	23	21	24	24	27	27	28	23	24	24	25	24	24	27	28	29	29	29	29	25
11	26	26	26	28	28	28	28	28	28	28	28	28	28	28	28	26	28	28	31	30	30	31	31	31	28
12	31	34	32	31	31	38	34	27	29	29	31	31	27	37	36	34	28	17	22	16	18	32	19	16	28
13	22	23	5	1	1	1	1	4	4	2	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	3	5	5	8	10	15	18	21	21	20	18	15	16	16	16	18	19	23	19	12
15	17	15	2	4	5	9	15	8	0	2	11	16	19	19	21	22	21	20	20	18	17	17	19	19	14
16	19	18	17	17	12	7	10	14	19	22	25	26	26	26	26	26	22	9	0	0	0	0	0	0	14
17	1	4	5	7	13	14	14	18	18	17	17	19	21	20	20	19	18	20	21	20	20	20	22	22	16
18	22	24	25	25	25	27	24	21	19	18	19	21	21	20	20	20	17	15	18	20	22	21	20	21	21
19	21	21	22	20	19	18	14	7	3	6	14	19	16	9	8	7	4	2	0	0	2	6	6	2	10
20	0	0	0	0	0	0	0	0	2	4	11	12	11	13	13	12	6	0	0	0	0	0	2	3	4
21	0	2	3	3	1	0	0	0	0	0	0	3	6	7	7	6	6	6	8	10	12	13	17	17	5
22	16	21	23	25	32	33	26	14	8	7	15	14	18	15	14	8	7	0	0	2	3	0	1	2	13
23	0	0	0	0	0	0	0	0	1	2	5	4	3	3	4	3	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	****	2	5	13	14	9	6	5	13	12	13	14	12	14	6
25	17	18	21	24	28	31	32	27	29	31	23	21	20	20	21	22	22	19	19	20	19	14	15	17	22
26	13	8	8	14	19	14	6	3	3	8	16	25	31	32	32	25	7	1	0	0	0	0	1	4	11
27	12	20	21	26	24	30	29	25	27	28	27	23	23	23	24	24	23	22	24	24	22	20	18	20	23
28	21	22	23	25	25	23	22	19	18	17	19	19	18	15	12	5	15	15	12	8	0	0	0	0	15
29	0	0	0	0	0	2	16	20	21	21	19	19	19	19	19	19	19	19	19	19	16	17	17	14	
30	15	17	17	17	17	17	17	17	17	17	18	20	22	21	19	13	7	4	7	11	11	8	0	0	14
MEAN	14	15	14	15	15	15	15	13	14	15	18	18	18	19	18	17	14	11	12	12	12	13	13	14	14.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	3	4	6	4	0	0	2	5	14	18	18	17	12	4	2	0	0	0	0	2	6	5
2	15	15	16	17	16	10	7	2	1	3	5	7	6	3	4	4	2	0	2	7	14	15	17	19	9
3	21	21	23	23	24	25	25	23	23	23	23	25	27	26	25	25	24	23	25	23	22	25	22	22	24
4	26	23	18	24	26	26	24	21	22	24	22	25	28	26	26	24	18	10	15	20	23	23	12	16	22
5	20	20	21	22	24	23	16	6	7	25	29	30	30	30	30	29	20	7	1	1	2	3	5	8	17
6	10	12	8	10	12	13	18	22	22	20	22	24	21	18	15	13	12	9	8	9	12	13	16	19	15
7	20	18	17	16	16	16	16	16	15	14	12	10	11	10	7	5	2	0	0	0	0	0	0	0	9
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	12	14	17	17	3
9	19	19	20	21	22	22	17	9	9	15	18	19	20	21	21	19	11	10	9	1	0	3	7	0	14
10	0	3	10	14	17	16	14	12	11	16	18	19	20	19	19	17	14	16	18	20	21	20	22	24	16
11	23	23	25	26	25	17	5	4	11	5	6	17	20	21	26	23	20	15	13	14	11	12	9	3	16
12	3	0	0	2	9	11	11	5	2	2	4	4	7	8	8	4	1	0	0	0	0	0	2	11	4
13	16	16	16	14	14	18	19	19	15	10	20	26	20	00	01	01	28	10	21	16	12	9	1	12	19
14	17	20	19	19	23	27	31	32	30	31	31	33	32	31	34	34	33	34	35	35	31	32	31	31	29
15	26	23	19	8	7	14	13	4	3	9	17	25	30	30	30	27	23	4	11	4	5	6	11	11	15
16	13	16	16	17	22	22	17	11	9	11	14	16	20	20	****	19	18	20	22	24	23	27	32	33	19
17	35	35	36	36	38	39	33	22	25	32	35	36	39	38	25	7	2	1	1	0	10	9	0	6	23
18	10	8	11	12	11	9	24	30	33	36	39	41	42	39	38	37	39	34	29	32	32	33	38	37	29
19	38	38	38	42	42	38	30	30	30	32	32	33	36	35	36	34	21	9	5	5	10	9	32	30	29
20	25	21	14	11	10	15	19	20	19	23	36	39	41	39	37	33	24	10	5	10	21	17	13	29	22
21	34	34	34	35	36	38	39	39	38	38	37	38	42	41	38	37	35	27	32	30	28	19	11	9	33
22	24	29	30	25	20	19	20	6	4	7	9	13	13	11	14	8	2	0	0	0	2	7	4	9	12
23	11	5	0	0	0	0	0	0	0	1	3	4	8	7	6	5	3	4	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	10	14	16	23	29	28	27	27	27	27	28	29	29	31	31	29	17
25	32	34	31	31	24	25	30	28	27	29	34	35	35	35	35	30	20	2	0	0	0	0	0	0	22
26	0	0	3	17	30	31	32	27	28	29	30	30	30	30	29	22	11	2	10	14	11	4	3	2	18
27	3	4	8	13	19	19	19	17	16	18	25	34	36	37	36	33	28	21	23	23	19	17	16	18	21
28	18	16	15	15	15	14	4	2	3	5	5	6	10	10	13	10	9	0	0	0	0	0	0	0	7
29	0	0	0	0	1	7	10	4	6	8	9	10	13	14	14	10	6	5	8	8	5	8	11	15	7
30	17	17	18	21	24	24	25	25	23	26	26	25	26	25	27	28	27	25	23	24	26	26	21	20	24
31	23	25	26	29	28	23	26	26	25	28	32	32	30	32	33	32	31	25	29	28	32	32	32	34	29
MEAN	16	16	16	17	18	18	18	15	15	18	20	22	24	24	23	21	17	12	12	12	13	13	13	15	17.0

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	14.2	22	24
FEB	29	15.9	22	27
MAR	22	23.2	32	45
APR	30	25.1	37	61
MAY	31	31.0	59	104
JUN	21	33.8	80	137
JUL	31	30.4	47	94
AUG	31	28.1	43	85
SEP	30	20.5	39	63
OCT	17	16.7	20	35
NOV	30	14.7	28	38
DEC	31	17.0	33	42
YEAR	320	22.8	80	137

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	103	325	0	0	0	0	0	0	428
FEB	123	571	0	0	0	0	0	0	694
MAR	34	415	85	0	0	0	0	0	534
APR	50	478	185	4	0	0	0	0	717
MAY	21	394	269	53	4	2	0	0	743
JUN	32	284	110	65	16	7	3	0	517
JUL	36	379	255	67	3	0	0	0	740
AUG	48	415	228	46	1	0	0	0	738
SEP	95	514	102	5	0	0	0	0	716
OCT	82	343	3	0	0	0	0	0	428
NOV	242	450	26	0	0	0	0	0	718
DEC	254	375	114	0	0	0	0	0	743
YEAR	1120	4943	1377	240	24	9	3	0	7716

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
87.8	0	7.2	15.9	20.6	26.8	37.6	45.8	57.5	68.5	137	22.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	2	6	9	12	14	14	14	13	12	10	8	13	7	1	0	0	0	0	0	0	0	0	6
2	3	10	12	16	15	17	15	10	10	14	17	18	19	20	18	19	11	9	6	2	8	16	16	14	13
3	16	16	17	17	16	15	15	13	14	10	17	21	21	20	20	18	13	9	5	9	8	7	9	12	14
4	12	17	19	16	19	16	5	0	3	7	11	19	20	8	4	1	0	0	0	0	0	0	0	1	7
5	0	0	4	7	****	5	4	4	3	7	14	18	13	14	12	13	10	10	10	10	9	9	10	7	8
6	7	7	8	9	8	8	8	8	7	9	9	6	9	7	4	6	4	2	1	3	3	4	4	6	6
7	6	5	0	0	4	6	5	2	2	6	10	13	20	20	11	9	8	8	6	6	5	6	7	8	7
8	11	11	12	15	14	14	10	4	4	12	13	18	22	21	19	13	2	3	3	5	7	10	7	10	11
9	12	13	19	19	18	18	12	6	9	10	3	15	14	15	15	13	7	7	5	3	0	0	2	0	10
10	0	7	10	10	11	7	6	1	3	4	8	7	4	7	8	5	2	2	3	4	5	7	8	8	6
11	6	6	6	5	5	4	3	2	1	2	2	2	1	2	9	9	6	7	10	10	13	29	23	18	8
12	20	10	17	17	18	20	21	19	19	10	22	28	23	22	25	22	22	21	24	25	22	21	21	16	21
13	13	13	15	14	24	23	17	11	12	16	21	19	19	17	16	13	6	6	10	9	5	2	1	1	13
14	4	3	5	6	8	7	3	0	0	2	3	2	1	1	1	0	0	0	0	0	0	0	0	0	2
15	0	0	0	0	0	1	1	1	1	5	5	20	20	19	15	23	26	6	10	9	10	3	2	3	8
16	6	14	12	16	19	19	17	10	8	18	20	21	20	19	19	15	15	****	13	15	13	13	13	14	15
17	16	17	18	20	20	19	17	11	8	13	14	12	14	14	12	8	6	6	7	8	9	4	4	5	12
18	3	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	1	2	9	7	7	6	7	10	13	15	15	16	14	13	14	16	17	15	19	18	21	11
20	18	16	23	26	25	25	24	24	24	25	25	25	25	24	25	23	19	17	14	13	12	13	11	16	21
21	19	21	25	25	25	27	24	20	19	12	26	23	24	24	23	19	10	4	2	0	2	3	1	0	16
22	0	0	0	0	0	1	1	1	0	2	6	7	9	10	8	6	1	0	0	0	0	0	0	0	2
23	0	1	0	0	0	0	1	2	9	12	14	18	18	15	18	17	14	14	21	20	14	16	16	19	11
24	21	21	24	22	23	21	18	9	10	20	21	23	25	24	23	20	11	6	4	5	8	12	10	12	16
25	15	17	19	20	17	15	11	6	6	13	19	24	24	25	25	17	5	2	2	3	5	1	4	8	13
26	11	12	16	17	19	18	18	10	12	16	19	21	22	23	22	21	16	10	7	11	13	14	12	10	15
27	13	13	12	12	16	16	17	16	13	14	19	22	24	25	25	22	16	9	2	0	0	0	0	0	13
28	3	2	5	0	5	4	6	2	6	20	22	22	24	22	20	17	11	7	4	6	8	20	21	21	12
29	24	20	24	25	22	17	7	5	6	10	13	23	26	19	13	18	13	16	8	16	21	20	20	19	17
30	23	23	23	22	23	21	14	6	14	24	27	24	25	27	26	23	12	7	11	-	21	22	14	18	20
31	14	14	13	13	15	14	12	9	11	16	23	14	14	14	14	14	11	9	10	12	14	13	13	13	13
MEAN	10	10	12	12	13	13	11	8	8	12	14	16	17	16	15	14	9	7	7	7	8	9	9	9	11.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	15	15	19	16	15	13	12	13	14	13	14	14	14	13	12	11	12	14	15	15	16	17	14
2	15	15	15	15	15	15	15	22	14	15	15	15	16	13	13	11	13	13	14	15	15	15	15	14	15
3	15	15	15	15	15	15	14	14	14	14	14	15	15	14	13	13	10	9	7	6	10	14	14	13	13
4	14	15	13	14	14	13	7	3	8	14	14	14	15	15	13	13	6	5	4	1	8	13	14	13	11
5	13	15	14	14	15	14	13	10	10	12	12	13	14	14	14	14	-	-	8	6	4	2	1	1	11
6	3	3	6	8	9	9	4	3	4	4	12	10	11	10	11	10	5	2	1	1	1	1	2	1	5
7	1	1	1	1	1	3	4	2	4	8	11	13	15	12	11	10	5	4	2	1	1	2	5	4	5
8	6	13	14	15	15	14	13	9	11	14	14	14	15	16	14	12	10	6	7	5	1	1	2	3	10
9	6	11	8	7	14	11	5	5	10	12	11	13	15	15	13	8	7	6	4	1	3	2	2	3	8
10	2	5	6	9	7	10	8	10	12	14	15	16	14	14	14	15	11	8	5	2	1	1	1	1	8
11	1	1	1	2	1	3	1	2	2	2	2	4	6	5	6	6	3	1	1	1	1	3	4	2	2
12	6	6	7	7	6	5	1	1	3	8	11	13	15	16	16	14	10	6	8	4	5	2	3	3	7
13	6	8	10	12	12	9	4	1	2	****	****	11	20	19	24	17	11	3	5	3	3	4	6	3	9
14	3	4	4	3	2	2	1	1	3	9	17	22	26	30	27	23	14	7	10	18	24	26	27	26	14
15	27	26	25	23	24	14	8	4	8	17	23	24	24	25	23	****	17	13	****	2	13	12	****	3	17
16	3	10	9	8	7	3	9	14	18	22	24	24	27	28	29	27	24	16	6	10	7	7	17	20	15
17	21	22	23	23	25	25	21	18	22	25	26	26	26	25	24	25	19	13	10	12	11	8	17	15	20
18	14	21	20	21	24	23	18	7	8	14	19	24	27	26	23	23	15	12	11	12	14	14	12	16	17
19	20	21	22	22	19	14	5	1	2	5	7	7	13	12	10	9	****	****	0	1	1	1	0	0	9
20	0	0	1	2	0	0	0	0	1	3	6	11	11	9	12	9	4	1	0	0	1	1	1	1	3
21	3	6	6	6	6	5	5	10	23	27	28	29	32	31	30	29	24	18	22	24	21	20	20	18	18
22	23	24	24	26	25	23	21	17	19	21	21	19	17	18	****	13	10	9	7	9	10	13	17	15	17
23	8	14	19	22	23	17	14	12	17	22	28	28	30	31	30	28	21	13	13	9	2	0	0	0	17
24	1	3	10	11	19	21	21	13	17	19	15	10	12	14	17	19	22	15	21	19	19	25	27	20	16
25	25	28	28	28	27	26	23	13	22	25	26	29	29	28	28	26	22	17	17	19	23	25	26	24	24
26	26	27	28	27	25	23	20	15	21	24	27	29	29	28	28	26	22	13	5	10	3	0	0	0	19
27	0	0	0	1	3	9	****	6	11	15	3	18	23	23	23	22	19	11	11	9	9	2	6	13	10
28	21	20	21	24	23	22	10	9	21	27	****	****	28	27	27	26	22	17	16	13	6	22	21	19	20
29	17	22	23	21	21	24	23	20	21	24	26	28	27	27	25	23	20	13	19	19	14	10	15	13	21
MEAN	11	13	13	14	14	13	11	9	12	15	16	18	20	19	19	17	14	10	9	8	8	9	10	10	13.0

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	12	18	22	21	24	23	26	28	28	29	30	30	30	30	27	25	22	18	12	8	2	0	0	20
2	0	3	1	5	8	15	9	7	17	23	21	27	30	30	32	29	18	12	1	3	6	6	0	2	13
3	1	0	0	0	0	0	0	1	3	5	6	16	24	30	35	29	****	7	5	9	14	9	9	3	9
4	9	15	13	15	7	9	5	4	7	20	29	33	37	40	35	28	18	13	11	10	7	4	2	1	16
5	0	0	0	0	2	4	1	2	3	9	13	13	13	20	15	15	11	8	3	0	0	1	22	27	8
6	29	29	29	28	26	25	25	21	24	23	15	28	31	28	27	27	13	10	10	7	15	17	17	16	22
7	13	14	21	20	19	16	11	11	11	21	32	35	36	36	34	34	28	16	3	0	0	0	0	0	17
8	0	6	19	18	20	19	20	21	25	31	37	42	41	36	30	32	27	14	13	14	2	2	8	5	20
9	20	17	10	15	21	23	24	24	28	30	33	36	38	39	38	36	34	18	18	25	24	24	22	21	26
10	22	27	30	35	34	35	26	8	10	11	18	20	26	27	29	18	13	16	10	15	27	24	26	24	22
11	25	32	38	36	35	30	26	22	27	31	32	32	32	31	32	31	29	27	28	27	27	27	26	26	30
12	27	27	30	30	30	30	28	26	26	27	24	30	32	32	32	32	28	26	17	5	13	13	1	2	24
13	3	2	9	12	10	14	17	17	21	26	28	29	32	35	33	31	24	21	25	24	24	26	25	24	21
14	23	23	27	29	30	32	28	25	25	25	32	31	29	26	26	21	21	20	28	30	22	25	30	30	27
15	28	29	31	33	35	33	31	29	30	30	30	30	34	34	33	34	33	31	28	22	20	27	23	23	30
16	17	25	24	18	24	31	31	30	33	30	24	29	31	31	31	30	28	26	25	28	29	26	27	24	27
17	21	10	6	14	20	23	21	18	14	23	31	33	38	35	39	33	21	8	8	9	8	1	0	0	18
18	10	13	10	9	12	14	14	12	14	10	****	17	16	17	15	14	12	14	14	16	16	15	15	14	14
19	14	15	16	19	17	16	10	11	15	19	25	26	22	22	20	15	13	11	6	1	2	1	4	7	14
20	12	19	17	16	16	17	13	5	7	14	16	19	12	****	16	18	17	16	13	7	5	4	5	13	13
21	21	24	28	29	29	28	23	18	21	22	24	24	26	28	32	33	37	30	35	39	43	47	48	49	31
22	45	37	39	36	34	33	33	31	29	28	28	22	19	20	31	29	24	19	11	6	0	1	3	0	23
23	1	3	4	19	10	13	19	19	27	29	30	30	31	29	30	18	17	15	10	3	7	5	3	2	16
24	4	5	7	7	6	7	7	3	3	4	4	2	5	8	8	9	5	2	3	7	11	6	9	10	6
25	14	15	17	18	18	17	16	14	10	11	11	12	12	10	10	7	6	8	11	14	12	14	13	14	13
26	21	29	27	26	26	25	22	19	22	27	2	9	29	26	25	27	24	15	6	8	16	17	17	18	20
27	20	18	15	20	22	18	8	12	11	16	26	27	25	29	32	25	18	11	5	0	0	0	0	0	15
28	0	0	4	3	3	1	0	0	2	4	27	39	45	45	45	43	42	32	19	16	21	17	27	21	19
29	17	16	20	24	26	30	29	29	32	31	34	36	35	33	33	29	21	18	10	13	4	0	0	0	22
30	1	7	20	14	16	20	22	25	30	34	34	34	35	34	34	34	33	27	16	4	11	10	15	19	22
31	20	12	16	18	12	22	25	23	26	31	30	32	30	32	32	27	28	25	17	8	9	15	3	0	21
MEAN	15	16	18	19	19	20	18	17	19	22	24	27	28	29	29	26	22	17	14	12	13	12	13	13	19.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	5	12	9	7	14	9	8	7	13	20	30	36	31	31	33	31	26	3	0	0	1	1	4	14
2	17	9	1	5	0	0	3	4	8	16	11	30	36	40	39	33	30	29	30	29	28	29	26	23	20
3	20	26	30	30	29	27	25	23	29	34	32	34	-	37	36	30	26	24	8	0	0	0	2	6	22
4	12	15	20	20	12	22	29	32	33	****	24	23	20	18	19	17	17	14	13	10	11	11	11	13	18
5	13	21	23	27	27	28	29	30	31	29	31	31	32	30	31	32	31	28	24	21	19	20	29	30	27
6	29	27	25	25	27	27	28	31	32	32	33	33	32	34	32	33	33	29	17	12	7	2	1	5	24
7	16	20	21	22	22	14	7	12	17	20	21	24	27	29	45	50	46	47	44	39	44	43	41	45	30
8	46	45	43	41	36	26	9	4	7	10	20	42	42	44	41	37	28	24	22	22	22	25	23	-	29
9	29	22	24	31	35	36	31	25	21	19	20	18	16	18	17	14	14	14	18	16	19	18	17	18	21
10	22	24	23	22	21	16	12	11	17	22	23	19	15	18	21	14	9	9	7	5	1	1	2	3	14
11	9	13	14	12	11	8	6	2	3	0	11	15	17	19	19	16	13	7	6	12	12	14	18	20	12
12	17	14	15	21	13	6	3	2	4	4	8	9	11	9	9	9	6	4	4	3	0	1	0	1	7
13	14	24	21	20	25	26	25	23	22	20	19	19	19	19	18	16	15	15	14	11	5	5	3	8	17
14	11	9	3	3	4	3	6	9	12	10	8	12	13	14	14	10	10	12	15	16	17	15	15	14	11
15	14	13	11	8	23	29	19	11	11	18	12	14	11	12	12	8	7	6	5	2	1	1	****	1	11
16	4	10	11	11	13	14	15	14	14	15	16	16	17	18	18	18	18	17	15	10	14	16	18	19	15
17	19	20	20	19	17	17	15	15	13	17	24	25	27	29	28	27	23	15	8	12	12	9	10	20	18
18	16	24	25	25	26	28	22	20	24	25	26	25	26	28	28	26	22	21	18	11	2	4	7	4	20
19	****	****	****	****	****	****	9	15	16	18	22	27	29	31	31	30	26	22	16	8	****	12	22	11	20
20	14	14	1	5	6	33	35	36	41	42	44	41	37	34	30	32	30	22	19	9	2	3	6	5	23
21	13	19	24	25	28	28	28	25	25	27	26	26	27	27	28	27	25	25	23	19	6	-	11	7	23
22	9	19	19	17	16	14	19	15	13	21	25	28	28	28	21	18	19	15	10	2	2	-	-	-	17
23	-	1	1	1	1	8	14	12	14	18	-	29	31	32	31	27	24	24	19	17	16	20	21	22	17
24	22	21	23	23	26	23	16	14	6	9	16	****	****	17	18	17	13	14	15	13	8	10	10	14	16
25	18	21	23	22	21	21	16	9	9	10	9	11	12	8	7	3	0	1	0	0	0	0	5	1	9
26	0	2	9	12	14	9	10	14	16	22	28	27	31	33	32	33	30	31	28	22	11	6	1	2	18
27	5	2	5	8	12	11	12	16	22	35	37	35	28	29	25	16	17	20	20	17	17	18	15	16	18
28	16	16	17	18	18	15	11	11	15	18	20	18	22	23	23	19	18	15	13	9	10	15	16	20	17
29	21	18	17	25	30	26	21	20	23	24	25	24	24	27	24	23	21	23	26	27	26	17	19	24	23
30	24	26	24	23	21	16	6	5	6	5	6	11	18	20	31	29	28	25	24	-	12	5	4	2	15
MEAN	16	17	17	18	19	19	16	16	17	19	21	24	24	25	25	23	21	19	16	13	11	11	13	13	18.2

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	6	5	6	4	2	4	8	15	18	17	25	31	****	-	25	****	9	0	0	0	0	0	9
2	1	10	22	24	17	7	11	9	18	20	21	28	32	37	44	37	38	39	27	13	4	2	19	15	21
3	19	20	20	18	20	18	15	16	30	31	38	38	36	41	40	40	40	38	38	35	32	31	32	36	30
4	33	32	33	34	34	33	36	38	38	39	39	39	36	34	37	39	37	41	43	39	34	36	24	22	35
5	32	29	36	32	27	22	21	16	22	26	26	30	34	34	33	35	31	26	25	18	17	24	28	27	27
6	25	24	26	25	25	18	17	20	23	27	24	27	30	37	29	27	33	27	25	19	13	9	0	0	22
7	0	1	0	1	5	5	7	9	12	6	10	13	10	26	23	31	41	32	22	19	20	14	12	12	14
8	13	15	14	13	14	9	9	8	15	14	11	11	9	10	9	10	10	12	8	5	4	5	4	7	10
9	11	13	13	13	12	7	2	5	15	20	23	24	22	25	23	22	23	19	17	17	16	17	20	20	17
10	22	22	22	23	21	22	19	22	23	25	28	28	31	32	30	29	31	33	28	23	20	21	15	16	24
11	8	11	23	29	31	31	28	29	31	27	23	16	15	9	14	10	26	19	35	33	28	31	31	32	24
12	32	30	28	27	26	20	18	16	25	30	33	35	35	39	36	30	27	30	26	26	19	17	26	21	26
13	29	26	28	27	26	15	8	8	19	28	27	55	36	36	35	32	32	35	31	24	12	1	2	2	24
14	8	7	20	22	17	9	10	15	20	21	23	23	26	27	21	16	15	15	14	10	6	6	12	-	16
15	14	14	14	17	15	6	7	12	16	17	21	22	24	22	23	25	21	20	21	14	5	7	11	12	16
16	20	21	21	22	18	18	13	15	18	23	24	29	30	33	36	36	36	37	31	24	17	9	0	0	22
17	0	0	0	0	2	10	21	23	23	28	32	35	40	42	45	42	42	39	34	23	26	27	25	20	24
18	13	19	52	58	55	54	47	43	38	34	26	23	20	23	-	19	17	21	21	20	21	18	18	15	29
19	20	21	21	21	22	25	27	33	33	34	34	31	26	22	26	28	25	23	17	5	3	2	4	6	21
20	4	3	5	6	5	3	4	11	21	****	30	34	36	35	32	34	33	29	24	5	1	0	0	0	15
21	0	0	9	13	14	6	7	3	6	32	44	42	42	45	45	45	42	38	33	48	48	33	32	35	28
22	37	38	40	40	39	32	18	19	29	36	39	41	43	45	42	40	36	36	29	28	19	14	17	24	33
23	18	9	17	19	13	12	16	18	29	42	44	60	62	64	62	60	52	38	28	25	19	23	18	12	32
24	9	10	11	11	9	10	11	13	12	14	15	17	20	22	25	25	25	26	25	7	7	15	10	15	15
25	17	19	22	21	24	24	25	25	27	27	29	28	28	27	27	27	25	24	48	20	17	7	21	13	24
26	17	17	17	19	20	18	16	18	21	21	23	****	23	22	21	21	20	22	19	22	19	19	20	23	20
27	32	****	31	30	28	25	24	25	28	30	35	35	33	33	32	32	32	30	26	19	18	12	20	24	28
28	24	24	23	20	19	16	14	14	14	17	37	35	31	****	32	32	32	31	29	23	14	1	0	0	21
29	4	16	16	12	10	13	16	15	24	32	****	****	40	38	42	****	40	32	28	10	3	0	1	3	19
30	5	13	19	32	34	28	19	10	12	9	11	20	23	32	29	21	7	13	14	5	3	14	10	9	16
31	9	13	19	38	56	49	45	42	41	40	45	46	50	50	53	58	55	55	41	32	32	27	21	19	39
MEAN	15	16	20	22	21	18	17	18	22	26	28	30	31	32	33	31	31	29	26	20	16	14	15	15	22.7

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	18	12	13	14	13	15	14	14	14	16	16	15	16	15	16	14	11	6	1	0	1	0	12
2	2	5	8	9	8	7	5	4	****	5	4	10	10	****	****	9	6	4	7	7	6	3	3	3	6
3	8	9	6	8	7	6	2	8	15	8	10	14	10	14	12	13	12	13	12	9	7	8	11	13	10
4	14	15	15	16	16	14	12	12	12	14	14	15	16	17	17	18	18	21	22	20	18	14	17	18	16
5	20	20	20	19	18	16	13	13	11	****	****	28	****	30	32	28	30	30	27	14	2	2	2	1	18
6	1	1	1	1	1	4	4	6	11	22	31	31	31	31	32	27	25	25	15	7	10	8	12	7	14
7	12	37	31	16	15	17	21	21	25	37	45	51	57	62	60	55	52	48	44	41	37	38	34	33	37
8	32	30	29	30	29	28	24	****	12	13	14	16	18	20	20	21	22	22	19	18	17	17	19	20	21
9	19	19	18	18	16	16	9	6	13	19	22	16	11	8	11	15	21	23	22	15	14	****	8	10	15
10	14	17	20	21	19	18	16	16	18	19	21	20	19	21	18	20	23	22	18	21	22	20	18	21	19
11	22	22	19	19	17	14	10	****	****	****	****	****	39	****	18	15	17	15	13	13	11	15	7	4	16
12	13	10	10	7	9	3	6	10	****	****	****	22	25	23	25	21	18	21	23	22	21	-	-	17	16
13	12	-	25	30	28	17	9	6	16	-	-	-	53	54	51	43	42	47	****	****	55	49	48	49	35
14	41	45	50	49	****	****	****	****	****	****	69	74	69	66	66	63	55	58	58	48	41	37	28	20	52
15	16	****	23	24	24	22	16	15	****	****	****	****	7	7	10	11	9	11	12	9	2	2	5	9	12
16	10	12	15	15	13	13	11	****	14	****	****	22	****	****	****	****	****	23	19	17	16	7	8	6	14
17	8	11	11	11	9	6	4	9	6	19	30	32	32	31	27	23	23	27	28	24	22	20	19	26	19
18	31	31	35	30	31	23	9	14	28	25	17	18	20	17	21	26	24	4	2	2	1	0	0	1	17
19	6	8	9	10	9	6	8	8	11	16	20	25	28	29	29	29	32	40	51	51	52	49	44	41	25
20	41	47	52	64	72	55	32	26	28	29	28	26	16	17	13	14	14	14	15	10	13	13	18	26	28
21	27	25	23	23	23	20	22	24	26	31	30	31	29	30	30	30	28	28	26	19	6	0	2	3	22
22	2	11	10	6	11	11	13	16	23	32	39	41	41	39	40	35	17	19	40	24	20	33	16	31	24
23	41	46	40	16	16	8	2	8	17	27	44	56	60	64	62	61	62	54	60	61	54	41	35	38	41
24	27	34	47	48	38	20	13	21	34	48	56	61	59	58	53	50	-	41	35	30	17	15	16	18	36
25	38	38	36	38	37	33	35	48	55	39	73	81	83	76	69	55	68	83	80	****	66	63	62	69	58
26	70	70	70	72	65	55	24	20	21	26	41	48	53	56	49	35	36	28	29	34	30	24	24	22	42
27	14	9	9	9	9	7	7	11	12	14	17	14	19	21	21	20	19	19	18	16	12	10	4	1	13
28	3	8	10	12	12	13	14	15	18	22	23	25	27	29	30	30	33	32	29	21	11	6	0	4	18
29	1	6	7	7	6	****	****	23	25	28	30	36	41	47	43	43	40	39	36	35	36	35	30	11	28
30	29	34	30	23	20	16	13	21	21	22	25	27	28	33	33	33	28	31	31	22	12	10	4	1	23
MEAN	20	23	23	22	20	17	13	15	19	23	30	32	33	34	32	30	28	29	28	22	21	19	17	17	23.6

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 5.7 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30	1	10	16	21	14	13	14	19	27	30	31	33	34	33	32	29	33	27	26	22	9	12	14	17	22
31	13	13	15	12	12	10	8	13	21	24	26	13	70	32	30	31	29	22	19	15	23	24	15	3	21
MEAN	7	12	16	17	13	12	11	16	24	27	29	23	52	33	31	30	31	25	23	19	16	18	15	10	21.0

PERCENTAGE OF DATA VALID - 6.5 PERCENTAGE OF DATA INVALID - 93.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	7	13	10	6	10	21	22	32	40	42	26	23	22	30	40	38	25	5	1	2	8	18
2	24	9	11	12	18	15	****	31	36	36	34	32	31	32	30	31	29	29	24	17	13	20	23	13	24
3	21	24	31	39	40	38	37	36	38	39	47	48	45	41	41	40	39	34	29	16	3	1	0	0	30
4	0	7	12	12	13	12	11	11	14	17	22	24	26	24	25	24	23	21	16	4	0	4	12	13	14
5	3	1	0	0	0	1	4	8	10	16	22	28	27	28	31	36	38	33	24	18	16	23	33	41	18
6	40	36	33	30	26	18	6	7	6	72	****	48	36	41	42	41	36	34	25	22	27	24	25	28	31
7	29	28	30	29	26	21	17	18	22	30	36	39	47	44	36	33	32	-	37	47	50	53	50	27	34
8	8	7	18	19	17	11	8	10	22	32	47	48	36	31	31	22	24	36	39	34	27	26	26	28	25
9	****	31	30	30	23	15	13	20	25	23	22	22	21	18	16	20	25	24	21	14	4	0	****	****	20
10	****	0	0	1	4	7	5	7	7	8	20	19	21	24	22	23	22	20	10	0	****	****	****	****	12
11	****	0	1	3	3	0	1	1	9	17	20	23	23	23	24	26	****	28	26	15	6	7	10	10	15
12	33	28	25	22	18	15	12	13	17	****	25	32	27	19	16	11	14	15	14	11	10	9	8	9	18
13	10	12	11	12	12	10	10	10	18	17	20	20	21	21	20	20	18	17	10	4	0	0	0	0	12
14	0	3	11	2	2	0	0	0	6	14	17	16	9	10	8	10	10	9	19	12	3	4	19	22	9
15	26	25	25	23	18	12	10	9	9	9	10	12	12	14	12	11	13	12	10	6	7	11	10	12	13
16	14	14	11	12	17	15	18	18	16	16	19	21	21	21	23	22	22	22	18	15	11	6	3	3	16
17	5	7	9	8	11	12	12	13	14	16	21	23	23	24	28	27	27	22	14	4	0	0	0	0	13
18	0	0	1	0	3	3	2	1	7	33	14	24	****	41	39	42	33	28	31	33	32	28	24	24	19
19	24	22	21	15	16	11	4	2	9	24	32	34	37	42	40	38	28	26	21	18	17	24	21	26	23
20	28	28	26	25	22	15	9	58	15	17	22	30	29	30	26	32	32	29	23	20	17	17	16	14	24
21	15	13	-	-	6	4	2	7	11	****	24	25	28	31	28	29	31	27	20	19	14	7	3	3	17
22	4	10	15	15	14	10	2	5	11	21	30	32	36	42	32	22	28	29	24	9	7	6	4	0	17
23	0	0	10	8	10	7	15	18	23	33	43	36	34	32	34	34	32	23	20	12	9	6	3	4	19
24	4	6	7	8	11	10	11	12	16	18	26	30	26	26	26	28	26	22	10	0	0	0	0	0	13
25	0	0	2	3	1	1	0	0	1	4	10	31	36	43	45	37	33	24	13	17	26	34	27	31	17
26	39	40	34	25	23	6	2	-	7	13	12	17	6	5	11	7	14	15	15	16	17	21	18	21	17
27	18	15	15	11	11	7	0	1	3	15	24	27	37	33	18	7	10	10	18	18	15	11	7	10	14
28	9	8	7	8	2	1	2	3	8	11	14	16	16	17	19	19	18	16	7	0	0	0	0	0	8
29	2	2	5	5	5	2	1	3	11	14	25	29	29	32	31	21	20	19	10	6	1	1	4	2	12
30	0	5	12	23	23	30	22	16	13	15	19	27	32	35	37	****	25	9	6	9	10	0	4	10	17
31	25	32	35	35	34	31	36	34	32	33	31	31	27	34	34	29	18	18	12	0	3	2	2	2	24
MEAN	14	13	15	15	14	11	9	13	15	22	25	29	28	29	27	25	25	23	19	14	12	12	12	13	18.1

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	13	25	21	25	31	28	28	33	34	34	35	35	30	27	25	21	23	24	18	7	1	22
2	12	7	23	24	21	11	1	1	7	21	29	32	29	26	16	9	11	14	25	33	27	26	26	26	19
3	26	24	25	22	21	13	5	6	11	****	****	21	21	19	19	20	17	16	8	2	2	4	3	1	14
4	0	6	5	5	5	4	2	2	7	8	13	22	27	28	31	26	28	23	4	-	5	6	11	10	12
5	13	14	13	2	1	0	1	9	33	46	49	44	41	39	35	32	30	30	26	29	25	22	22	25	24
6	24	25	25	25	27	24	17	15	20	25	26	26	27	26	28	26	25	22	9	6	5	4	6	5	20
7	4	6	11	9	17	17	16	17	18	22	22	22	23	20	22	21	22	20	12	5	1	2	4	6	14
8	9	18	20	18	15	10	6	9	17	22	25	25	28	29	29	26	25	20	5	0	1	0	1	0	15
9	1	3	1	6	5	2	1	1	1	****	2	9	12	19	15	8	15	26	26	31	25	20	16	14	11
10	13	12	11	10	8	4	1	3	7	12	18	21	24	22	23	21	20	18	12	19	20	20	19	20	15
11	21	22	22	24	20	10	0	2	13	17	22	27	28	32	31	27	26	23	22	21	22	18	15	12	20
12	13	14	11	11	10	6	3	6	11	15	17	16	17	17	16	16	16	12	6	6	3	1	2	5	10
13	3	3	4	8	7	6	9	9	11	13	17	23	22	30	33	33	30	29	33	24	19	15	12	11	17
14	12	13	16	18	19	18	17	15	13	13	17	15	15	14	12	16	13	12	10	8	7	8	8	8	13
15	8	8	7	9	10	7	4	-	8	10	12	13	14	16	17	15	15	8	2	0	0	0	0	0	8
16	0	0	0	0	0	0	0	0	2	13	18	23	23	26	21	20	18	16	15	15	14	19	20	23	12
17	25	20	20	21	26	20	8	6	****	****	13	10	17	16	14	10	10	19	24	28	27	24	19	22	18
18	20	21	19	20	17	10	4	6	13	17	19	22	23	24	24	17	17	13	8	0	4	1	0	2	13
19	6	9	14	16	15	9	0	1	2	10	21	26	27	29	28	26	18	13	1	3	2	6	7	4	12
20	2	2	3	5	3	4	5	6	8	11	11	13	32	34	33	42	40	38	39	34	35	30	24	19	20
21	17	17	15	15	14	14	12	16	23	23	19	17	14	13	12	12	12	11	8	9	7	6	4	4	13
22	3	4	0	4	12	9	3	5	7	9	8	12	11	16	13	12	12	5	0	1	2	5	6	17	7
23	26	27	28	26	19	17	13	12	11	****	14	17	16	17	15	15	16	12	6	3	0	0	0	2	14
24	3	4	6	6	5	2	1	4	13	16	16	17	18	21	19	20	23	12	7	5	7	11	15	12	11
25	8	5	3	0	0	1	1	1	3	5	9	9	8	8	5	3	6	2	2	2	0	0	0	1	3
26	3	4	5	4	2	0	5	3	10	21	23	19	15	7	7	7	10	13	13	10	16	17	20	21	11
27	24	20	20	19	21	-	13	15	17	21	25	25	25	24	16	8	9	6	7	8	3	8	12	9	15
28	6	10	9	9	10	8	9	10	17	21	22	21	24	24	25	25	25	22	16	15	18	10	6	2	15
29	1	1	3	6	8	6	1	2	9	13	14	17	20	21	20	19	8	9	5	8	1	0	1	17	9
30	25	26	27	27	27	18	7	1	8	14	27	37	32	27	34	-	4	4	6	6	6	7	8	11	17
MEAN	11	12	12	13	13	9	6	7	12	17	19	21	22	23	22	19	18	16	13	12	11	10	10	10	14.1

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	14	13	11	6	1	0	0	****	9	13	15	20	36	25	26	30	36	42	37	33	38	45	21
2	46	46	45	45	41	35	14	10	6	10	17	17	18	21	21	-	10	1	1	1	2	1	0	2	18
3	7	****	11	10	8	5	3	5	14	12	12	15	17	16	13	17	16	7	4	8	12	10	10	10	11
4	12	8	4	13	14	12	10	7	6	7	6	5	4	3	4	3	2	1	1	2	2	2	0	3	5
5	5	5	6	6	9	7	8	7	6	4	6	7	5	8	5	5	5	7	3	0	0	0	0	0	5
6	0	3	4	4	2	0	0	1	3	10	8	7	8	14	9	4	1	-	2	2	0	1	2	3	4
7	7	9	10	10	6	1	0	0	1	5	9	8	12	15	14	12	13	0	0	0	0	1	3	4	6
8	3	1	2	2	3	5	2	3	1	-	-	11	20	35	30	21	27	32	30	18	22	24	26	27	16
9	26	25	25	24	22	16	7	9	15	24	27	27	27	27	25	25	22	8	8	5	5	4	4	4	17
10	4	5	5	5	8	6	5	6	7	10	18	22	27	28	25	22	15	6	5	6	8	11	12	9	11
11	6	5	4	7	10	11	12	10	9	8	8	7	7	7	9	8	5	5	5	6	9	13	10	9	8
12	10	9	9	12	13	12	11	12	20	20	18	19	18	19	21	19	19	17	16	21	24	24	20	21	17
13	25	25	24	24	23	22	20	22	23	23	23	23	22	22	24	23	23	19	18	18	17	17	20	23	22
14	26	28	28	27	26	23	20	23	20	27	30	30	30	31	29	27	28	9	5	5	6	7	7	7	21
15	12	13	14	14	16	9	5	6	8	****	23	25	21	28	26	18	17	4	0	0	0	0	0	0	11
16	0	0	0	2	3	2	0	0	5	12	11	16	23	****	23	18	13	3	0	0	0	0	0	0	6
17	0	0	0	0	1	4	2	1	2	6	9	10	12	17	12	8	2	1	0	1	0	0	0	3	4
18	33	34	31	32	31	28	19	15	13	14	32	25	25	30	31	24	20	19	13	14	11	14	19	18	23
19	17	14	16	19	19	19	16	16	16	14	11	13	14	13	11	11	11	8	8	6	3	4	4	2	12
20	0	0	7	15	17	12	5	7	14	17	18	17	16	18	16	15	11	10	6	1	0	0	0	0	9
21	4	9	9	5	1	0	0	0	0	1	4	5	10	12	13	13	7	0	0	0	13	16	17	17	7
22	18	21	23	21	17	11	5	3	5	****	15	16	15	14	11	11	9	8	9	10	15	14	14	16	13
23	18	17	17	17	16	4	1	1	5	13	19	18	21	21	18	-	13	9	1	0	0	0	0	0	10
24	0	0	1	2	0	0	0	1	4	8	12	12	16	17	14	14	8	2	2	1	0	0	0	1	5
25	0	0	0	0	1	1	2	4	5	5	10	11	9	9	7	12	17	21	21	19	24	19	17	18	10
26	18	18	20	18	18	18	16	10	10	11	10	9	9	10	12	13	14	15	17	16	17	20	18	24	15
27	26	26	26	24	21	16	13	3	2	5	12	13	13	16	9	8	5	3	0	2	5	4	9	10	11
28	11	14	19	18	16	19	19	17	14	17	19	23	22	22	23	19	11	2	6	6	11	12	14	14	15
29	18	18	18	18	18	17	13	7	9	18	23	22	20	18	18	13	6	5	8	10	16	18	18	20	15
30	22	23	23	24	24	23	20	13	2	4	7	8	10	9	8	9	4	1	1	4	5	5	0	1	10
31	12	14	15	14	12	10	5	1	4	9	12	12	13	13	14	14	15	13	24	20	17	15	15	-	13
MEAN	13	14	14	14	14	11	8	7	8	12	15	15	16	18	17	15	13	9	8	8	9	9	10	10	11.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	14	14	16	17	14	9	10	14	13	14	13	13	12	13	10	6	12	13	14	13	20	19	13
2	22	21	21	23	24	25	24	23	25	26	25	25	24	24	24	22	18	7	0	0	0	0	0	0	17
3	0	0	0	0	0	2	1	0	0	2	3	5	5	11	17	9	0	1	2	3	2	1	1	0	3
4	2	0	1	3	2	9	12	6	7	4	-	10	14	14	9	5	2	2	4	6	11	12	10	13	7
5	15	20	20	18	15	12	6	2	11	17	19	19	20	22	22	20	10	10	7	9	11	13	13	10	14
6	13	6	14	14	10	7	3	1	0	5	5	5	1	1	1	0	0	0	1	2	1	1	1	1	4
7	1	0	0	1	0	1	1	0	1	4	3	2	1	1	0	0	0	0	0	0	1	8	12	14	2
8	21	23	22	21	23	24	25	23	24	22	23	25	23	22	21	20	11	8	5	1	0	0	0	0	16
9	0	0	4	11	14	16	15	10	5	7	9	9	7	5	4	3	1	0	0	0	0	0	0	3	5
10	8	12	16	16	17	18	14	12	10	11	15	18	16	16	16	11	8	9	10	12	12	17	14	14	13
11	21	21	22	26	26	26	27	26	25	24	26	25	24	23	24	23	24	24	25	26	26	25	26	26	25
12	28	28	28	28	28	26	25	22	20	19	-	-	24	24	24	21	15	5	2	3	11	12	17	21	22
13	23	24	25	25	23	22	13	8	3	1	6	5	4	2	2	2	1	1	1	1	1	1	2	2	8
14	1	0	0	1	4	2	1	2	5	9	14	19	18	16	16	15	5	1	3	1	1	2	3	4	6
15	3	3	1	3	4	7	7	5	5	10	11	14	15	16	17	17	11	11	15	15	15	15	15	16	10
16	17	18	18	21	22	21	21	20	23	23	22	22	22	21	20	19	15	6	3	1	1	2	0	0	15
17	2	1	2	9	8	1	0	0	1	2	-	3	3	4	2	2	1	1	1	1	7	5	7	7	3
18	****	6	1	1	14	17	16	10	11	18	23	22	22	20	18	14	10	10	14	17	18	17	15	15	14
19	17	19	14	16	12	10	5	4	7	8	****	12	8	8	8	4	2	2	1	1	2	2	2	1	7
20	1	1	2	1	1	1	2	1	2	4	5	8	9	7	5	2	1	1	1	1	1	0	1	2	3
21	2	2	2	5	7	5	1	1	1	2	4	5	6	3	2	2	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	2	3	4	7	8	7	9	7	2	1	1	1	2	1	1	1	3
23	1	2	2	2	3	3	1	1	2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	2	3	6	10	9	5	8	11	12	13	13	13	15	14	14	15	18	17	17	17	16	18	11
26	20	20	20	19	18	18	15	9	5	8	****	13	14	11	10	7	1	1	2	1	0	0	0	0	9
27	-	1	1	5	4	3	3	0	1	5	8	7	9	10	7	4	1	4	5	6	10	10	10	11	5
28	11	11	14	14	15	15	13	9	9	11	11	9	8	8	7	7	7	7	7	4	4	2	1	1	9
29	1	4	6	8	6	3	2	1	2	2	2	3	5	5	5	5	3	3	6	8	9	11	12	13	5
30	17	14	13	14	14	15	15	9	11	11	10	12	9	8	5	6	6	3	5	5	7	1	1	1	9
MEAN	9	9	10	11	11	11	10	7	8	10	11	12	12	11	11	9	6	5	5	5	6	6	7	7	8.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	0	1	0	0	0	2	2	4	****	4	9	5	1	0	0	0	0	0	0	0	2
2	0	0	0	1	6	10	6	1	1	2	7	9	8	5	3	2	1	1	1	1	3	8	13	15	4
3	14	14	15	16	17	17	18	18	19	20	21	20	21	21	20	20	18	18	19	19	21	20	20	20	19
4	21	21	22	22	21	21	18	17	18	18	****	19	****	19	19	16	10	7	14	18	19	-	19	16	18
5	21	21	21	20	21	20	18	13	14	16	18	18	17	18	17	15	6	0	0	0	0	9	15	15	14
6	17	15	15	16	17	18	15	14	14	16	15	12	14	10	11	8	3	4	4	5	0	1	0	0	10
7	0	1	0	0	0	0	0	0	0	2	3	3	3	4	3	3	1	4	6	6	7	6	6	9	3
8	5	5	3	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	10	2
9	11	14	15	17	17	17	16	15	14	15	16	15	17	15	17	14	2	2	2	3	-	-	7	7	12
10	5	7	9	7	7	4	1	1	1	****	****	5	3	2	1	3	****	****	16	19	18	19	19	18	8
11	19	19	18	18	15	12	8	1	1	5	12	15	11	7	6	2	0	0	0	0	-	-	-	0	8
12	0	0	0	0	0	0	0	0	0	3	4	6	6	5	5	2	2	0	0	0	1	2	4	4	2
13	2	0	0	0	0	0	1	4	9	13	14	17	18	17	18	11	12	12	6	2	2	1	0	0	7
14	0	2	2	7	9	10	11	8	5	17	21	20	19	19	18	17	16	18	19	18	16	14	11	14	13
15	10	4	4	1	0	0	0	0	2	6	12	10	13	****	****	11	4	0	****	4	7	9	11	12	6
16	11	10	10	13	14	14	9	5	6	11	****	14	16	15	25	13	11	13	13	14	16	15	16	17	13
17	18	19	19	19	19	19	15	5	7	11	14	14	13	9	5	2	1	1	1	1	****	3	6	7	10
18	6	6	5	5	4	6	2	1	7	13	15	16	16	17	13	4	1	2	1	2	1	-	-	-	7
19	1	6	12	19	12	16	8	14	14	17	17	19	-	-	16	12	5	2	3	9	6	6	2	2	10
20	2	4	5	9	7	5	4	5	8	9	12	12	16	16	18	13	8	6	6	4	5	4	4	5	8
21	3	2	5	3	5	10	8	8	8	12	13	17	17	19	18	13	6	5	3	2	2	1	1	1	8
22	1	1	1	1	1	1	1	1	2	5	5	5	4	3	6	4	2	2	2	3	4	4	4	4	3
23	4	5	5	4	4	4	4	4	5	6	****	5	6	6	3	1	0	0	****	0	0	0	0	0	3
24	0	0	0	0	0	0	0	0	0	5	18	22	23	25	23	22	25	24	24	25	23	23	24	23	14
25	23	22	21	20	16	18	17	19	19	21	22	24	24	24	21	16	6	2	3	4	7	1	0	0	15
26	0	0	1	2	5	7	7	6	8	11	10	13	13	12	5	4	9	10	9	6	3	3	1	1	5
27	1	2	5	22	25	24	21	18	21	20	22	22	20	15	7	3	1	0	0	0	0	0	0	0	10
28	0	0	0	0	0	1	0	0	3	4	6	9	6	4	6	3	1	1	0	1	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	1	1	3	10	11	14	15	3
30	17	19	21	23	23	23	21	18	19	20	****	****	****	19	19	15	6	6	8	5	9	10	14	13	16
31	14	18	19	14	15	19	11	6	4	11	12	13	11	14	14	7	2	6	7	2	1	1	1	-	10
MEAN	7	8	8	9	9	10	8	7	7	10	12	13	13	12	12	8	5	5	6	6	7	6	7	8	8.4

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	11.1	21	29
FEB	29	13.0	24	32
MAR	31	19.2	31	49
APR	30	18.2	30	50
MAY	31	22.7	39	64
JUN	30	23.6	58	83
JUL	2	21.0	22	29
AUG	31	18.1	34	72
SEP	30	14.1	24	49
OCT	31	11.9	23	46
NOV	30	8.7	25	28
DEC	31	8.4	19	25
YEAR	337	15.4	58	83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	364	377	0	0	0	0	0	0	741
FEB	269	411	3	0	0	0	0	0	683
MAR	190	432	119	0	0	0	0	0	741
APR	168	451	81	0	0	0	0	0	700
MAY	132	399	185	16	0	0	0	0	732
JUN	142	358	109	60	3	0	0	0	672
JUL	6	33	8	1	0	0	0	0	48
AUG	232	360	129	3	0	0	0	0	724
SEP	289	386	35	0	0	0	0	0	710
OCT	360	350	23	0	0	0	0	0	733
NOV	447	265	0	0	0	0	0	0	712
DEC	442	273	0	0	0	0	0	0	715
YEAR	3041	4095	692	80	3	0	0	0	7911

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
90.1	0	0.6	7.1	13.7	20.2	29.9	35.0	43.4	51.0	83	15.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	11	8	8	9	9	8	10	15	17	16	15	11	13	12	9	8	8	5	2	2	2	3	2	9
2	4	5	8	11	11	10	9	15	16	****	****	19	20	20	19	16	10	10	13	7	9	16	19	18	13
3	18	15	18	16	15	15	15	15	16	20	20	20	19	18	17	14	13	11	9	9	12	7	8	7	14
4	7	8	6	6	6	3	5	2	5	9	17	20	20	20	20	13	4	1	1	1	2	0	1	1	7
5	1	3	2	2	****	7	6	5	9	13	12	14	15	19	20	20	11	2	2	1	2	9	10	12	9
6	10	6	1	3	4	1	1	2	4	14	19	18	18	18	19	17	12	4	3	4	7	8	10	12	9
7	14	13	11	13	12	10	17	26	22	23	23	23	24	22	17	17	16	16	15	13	15	15	14	15	17
8	15	16	16	22	18	18	18	17	16	27	****	22	24	26	19	19	19	18	16	15	13	18	20	20	19
9	21	20	23	23	23	23	21	21	20	19	21	20	21	21	22	19	15	16	14	14	12	15	11	11	19
10	18	18	14	17	17	16	14	4	7	12	19	21	24	26	27	23	10	13	15	13	13	14	11	13	16
11	14	17	18	16	16	13	13	8	3	4	3	9	32	****	33	31	23	28	27	26	26	25	32	28	20
12	19	22	19	20	19	23	24	24	23	22	22	23	25	27	28	26	26	31	30	30	29	27	30	29	25
13	29	31	31	30	28	26	25	23	26	29	28	31	30	27	25	25	15	16	4	2	4	2	2	3	22
14	3	8	9	3	4	2	2	3	3	****	****	20	19	14	9	8	5	6	9	5	1	1	1	1	6
15	1	1	2	3	2	1	1	3	5	7	7	10	12	16	17	12	7	4	5	3	3	5	13	17	7
16	17	15	14	18	14	10	12	8	8	13	15	15	16	16	15	14	12	****	7	0	2	3	0	1	11
17	1	0	1	2	4	3	6	8	7	6	8	8	9	11	9	3	1	1	1	0	1	1	0	1	4
18	0	1	0	1	1	0	1	2	4	****	****	6	7	5	3	2	1	1	1	0	0	1	0	1	2
19	1	0	1	0	1	1	1	4	6	7	8	10	11	16	17	17	17	18	18	16	18	16	20	22	10
20	52	22	24	25	24	26	25	23	23	25	25	26	26	26	25	22	21	23	21	20	22	18	19	20	24
21	24	23	23	25	27	25	24	22	21	23	22	22	23	24	22	20	18	16	11	10	10	11	3	7	19
22	5	7	10	8	9	14	11	8	2	****	****	10	11	12	8	9	5	4	5	4	4	4	4	5	7
23	6	4	4	11	10	13	16	13	17	20	22	26	28	29	28	24	23	23	26	26	25	27	26	28	20
24	22	23	25	22	21	22	22	22	23	23	24	24	24	25	26	25	18	10	9	12	15	12	16	20	20
25	19	20	23	22	19	20	20	16	14	17	****	25	27	27	28	23	12	7	8	3	5	6	9	19	17
26	21	19	23	27	26	24	24	19	22	24	24	26	25	22	22	25	21	19	19	17	18	22	22	19	22
27	21	20	21	22	22	22	21	22	22	22	25	27	28	30	29	27	22	14	11	14	18	12	13	18	21
28	15	12	13	15	15	14	9	8	11	18	23	22	23	24	25	21	17	11	16	16	8	13	9	19	16
29	24	26	24	18	23	23	20	15	15	24	27	29	31	30	28	28	24	27	22	21	22	22	23	24	24
30	25	25	24	22	19	24	20	16	15	****	27	27	30	30	30	29	28	28	28	-	21	19	23	24	24
31	26	23	26	28	27	25	22	19	24	29	30	30	30	31	29	28	24	24	25	24	23	26	24	27	26
MEAN	15	14	14	15	15	14	14	13	14	18	19	20	21	22	21	19	15	13	13	11	12	12	13	14	15.4

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. '-' INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	27	29	32	32	30	26	25	27	25	24	24	25	26	26	25	23	24	24	25	26	24	33	31	27
2	31	33	29	28	29	32	32	29	30	31	33	33	33	31	31	32	31	32	31	29	29	31	31	32	31
3	32	31	33	32	32	32	31	30	31	30	30	32	32	32	32	30	30	26	27	28	23	26	25	21	30
4	23	27	31	31	30	29	23	21	20	28	28	28	29	28	32	30	26	25	27	26	26	24	21	21	26
5	21	20	27	****	27	25	26	24	25	14	****	26	27	26	23	20	-	-	25	24	26	22	18	21	23
6	20	22	18	17	23	17	7	8	5	8	14	19	25	27	28	26	19	20	8	6	4	3	2	****	15
7	2	2	2	3	3	2	3	5	8	17	21	26	27	28	29	29	27	7	4	6	13	14	7	4	12
8	****	****	****	****	****	****	3	6	13	16	25	28	27	****	24	25	21	17	15	17	15	12	15	9	17
9	15	10	8	9	10	****	8	8	12	17	19	28	24	24	25	23	21	12	9	12	15	6	12	14	15
10	4	5	2	3	0	0	0	0	3	8	17	22	26	26	27	29	27	20	16	15	11	15	10	17	13
11	23	20	20	21	21	19	19	15	17	22	22	33	26	27	23	****	21	22	14	28	25	27	32	37	23
12	32	33	31	34	25	20	21	17	15	****	19	23	30	36	34	35	30	31	35	38	40	37	31	25	29
13	28	26	25	39	26	26	25	21	24	29	32	32	34	34	36	36	30	26	31	30	26	23	24	24	29
14	34	29	30	30	36	25	17	22	14	18	23	23	26	28	28	26	24	20	21	15	18	17	21	30	24
15	30	31	29	26	23	17	26	15	19	26	27	28	30	31	28	****	23	20	****	12	19	13	****	16	23
16	14	12	13	14	14	8	11	13	21	23	27	28	31	30	30	31	30	14	17	20	11	15	22	10	19
17	16	18	26	28	29	29	30	27	29	30	37	33	33	32	30	30	28	30	30	30	28	27	28	27	29
18	32	35	33	30	28	34	26	27	9	****	****	40	34	31	30	31	30	32	35	38	43	43	44	43	33
19	41	39	36	33	31	29	26	21	22	****	****	23	23	23	24	24	18	27	20	16	17	17	13	3	24
20	12	3	9	10	11	7	3	3	6	12	15	21	18	22	15	13	9	3	3	3	11	24	20	22	11
21	23	21	17	13	11	12	11	11	8	23	33	34	33	36	38	36	34	26	20	15	11	24	23	32	23
22	33	23	25	25	25	27	24	23	22	21	19	17	16	16	****	20	18	18	14	10	3	3	1	3	18
23	4	3	11	15	18	18	21	24	26	28	31	33	36	39	39	37	39	32	26	24	30	27	21	23	25
24	26	18	25	27	31	36	24	24	24	27	25	23	17	22	28	26	26	27	28	30	35	34	35	32	27
25	34	33	35	35	34	33	29	28	31	33	35	35	36	38	36	34	28	18	21	24	27	27	28	28	31
26	29	31	31	32	31	30	26	26	28	31	31	31	32	32	33	31	29	27	24	17	19	19	23	22	28
27	35	28	27	28	31	28	****	16	17	35	****	36	36	34	****	28	23	31	21	18	27	22	31	24	27
28	23	22	24	23	23	30	28	26	27	30	30	32	31	32	32	28	27	19	17	28	28	26	21	13	26
29	21	26	27	28	27	35	24	23	22	26	31	29	28	30	32	31	29	27	19	21	25	30	22	23	27
MEAN	24	22	23	24	24	23	20	19	19	23	26	28	28	29	29	28	26	23	21	21	22	22	22	22	23.6

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	25	25	34	24	27	29	29	29	30	30	30	30	30	33	36	26	23	23	28	23	20	27
2	18	16	19	19	15	25	19	21	26	28	30	34	36	37	37	37	34	32	31	29	32	32	32	32	28
3	33	36	32	32	33	30	28	28	29	****	****	55	44	44	****	53	****	29	27	37	34	34	35	35	35
4	35	33	33	32	30	28	20	21	29	33	35	42	36	37	38	33	29	28	27	22	25	18	19	13	29
5	14	20	24	26	27	24	9	11	14	21	24	23	23	23	19	6	13	5	2	3	15	20	21	24	17
6	33	31	33	31	30	30	32	31	33	34	36	36	36	36	37	36	33	32	31	32	33	35	33	35	33
7	35	36	36	35	35	32	24	22	24	28	33	36	40	42	39	38	29	32	17	7	10	16	20	14	28
8	6	20	14	30	35	34	19	5	15	22	30	30	32	34	31	26	28	25	27	25	24	28	20	23	24
9	25	21	27	26	26	31	33	32	35	35	37	39	40	42	42	40	41	40	44	46	44	47	45	45	37
10	44	43	46	53	****	46	39	33	33	33	41	37	37	38	39	39	34	31	29	37	31	23	35	41	37
11	43	44	40	35	38	36	35	32	32	35	****	****	36	36	33	34	35	32	34	33	31	31	30	28	35
12	27	27	29	29	30	30	29	29	27	29	30	33	33	34	35	33	31	29	28	23	19	14	8	2	27
13	2	5	5	2	1	1	6	13	23	28	27	30	32	34	31	32	28	26	26	22	23	22	26	28	20
14	32	33	34	35	36	35	32	26	25	29	31	33	34	31	31	31	31	27	31	27	33	30	32	30	31
15	28	28	29	27	35	35	32	31	31	30	31	32	30	32	33	33	31	28	30	24	23	28	28	30	30
16	30	29	25	28	****	34	27	29	30	32	34	35	39	43	42	41	35	33	32	33	33	31	26	30	33
17	30	30	28	27	25	15	12	14	15	****	****	31	36	43	44	41	20	6	4	2	7	25	27	30	23
18	32	31	30	28	13	14	22	25	28	32	34	35	34	34	31	31	31	31	28	29	33	35	36	33	30
19	32	31	34	35	32	25	25	28	29	30	34	35	36	38	37	36	30	31	11	10	15	20	7	8	27
20	2	10	19	2	1	3	3	5	7	11	15	24	27	****	26	20	16	8	3	2	3	2	2	2	9
21	1	3	4	7	10	11	19	22	23	30	28	27	27	28	33	37	37	38	41	42	45	45	47	50	27
22	47	37	35	38	36	27	25	25	26	26	29	31	35	37	39	38	37	33	23	13	11	4	11	10	28
23	12	8	4	14	13	12	10	17	13	16	19	25	33	36	37	38	40	36	24	20	22	23	20	21	21
24	22	22	24	26	27	28	25	23	22	9	****	30	25	20	12	18	16	24	23	24	31	28	26	25	23
25	17	5	10	15	20	17	19	17	14	18	17	20	19	25	25	24	21	18	20	25	12	8	5	15	17
26	21	21	24	23	23	20	15	18	22	29	35	36	37	33	28	25	22	14	7	11	14	14	13	10	21
27	25	29	16	17	24	23	22	19	16	21	27	35	42	43	43	44	42	28	19	8	3	3	8	10	24
28	11	5	15	25	13	13	6	14	25	39	43	45	49	49	50	47	30	34	29	10	7	13	9	9	25
29	22	21	18	17	17	18	24	27	32	34	32	32	32	33	32	33	28	24	19	10	15	26	20	16	24
30	17	****	****	****	****	****	****	****	****	38	38	41	41	42	41	38	42	38	27	19	21	17	13	5	30
31	4	1	1	1	9	9	7	14	18	22	26	30	35	34	****	38	34	30	30	25	21	14	6	1	18
MEAN	23	23	24	25	24	24	21	22	24	28	31	33	34	36	34	34	31	28	24	22	22	23	22	22	26.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	7	2	1	2	9	18	21	29	38	41	41	45	40	40	33	13	7	12	20	27	32	20
2	31	35	31	29	32	34	31	30	33	30	39	42	43	37	37	42	36	43	38	41	28	26	25	19	34
3	20	21	23	19	18	6	10	23	36	36	35	34	-	36	40	37	39	34	15	6	5	13	17	24	24
4	27	29	35	38	33	23	25	27	28	****	32	28	30	29	27	25	21	11	3	3	10	22	20	23	24
5	28	29	24	11	19	23	26	27	29	33	32	34	35	36	35	36	36	27	29	30	30	29	31	25	29
6	32	30	30	28	28	29	29	31	35	34	36	37	37	37	38	38	37	37	25	9	8	25	21	22	30
7	25	26	27	28	29	21	13	17	22	28	50	61	63	65	67	68	66	67	65	60	61	61	59	58	46
8	56	53	52	51	51	50	43	48	39	47	46	49	51	52	50	47	42	42	40	37	33	37	35	-	46
9	41	41	39	36	38	33	30	23	19	14	****	****	21	18	14	34	41	7	18	31	17	20	31	27	27
10	33	33	28	27	25	14	4	22	34	43	50	39	38	35	29	23	22	23	19	9	8	11	13	9	25
11	17	25	26	29	20	20	18	17	16	17	18	23	25	25	27	27	26	26	26	25	23	25	26	21	23
12	22	21	22	24	22	21	19	20	20	13	16	18	21	18	17	11	10	3	2	2	2	23	37	33	17
13	36	47	34	26	29	30	31	33	35	32	31	28	27	28	27	24	25	23	22	18	17	15	14	15	27
14	10	12	10	5	4	6	4	9	13	17	17	18	18	20	15	8	12	20	21	18	19	19	14	11	13
15	9	15	15	21	25	25	27	30	24	****	****	33	****	39	39	34	35	30	31	31	27	22	****	20	27
16	19	19	17	17	18	18	18	19	19	22	22	23	24	25	25	24	27	27	23	21	21	19	21	22	21
17	20	20	22	23	22	20	24	29	30	32	33	35	36	37	39	36	34	32	33	32	34	38	37	34	31
18	36	36	35	35	33	29	27	24	23	34	38	35	38	37	38	38	38	35	23	10	8	5	5	4	28
19	3	3	2	2	3	4	19	25	30	32	39	43	43	48	51	50	46	43	26	9	****	25	43	40	27
20	14	24	46	55	58	59	59	58	56	57	52	50	56	58	53	53	42	37	34	25	25	26	22	27	44
21	28	25	29	****	25	27	32	35	36	39	36	35	38	31	****	35	36	36	30	17	9	-	2	3	28
22	13	17	20	19	20	17	21	25	29	33	33	0	33	30	28	29	28	26	20	5	3	2	-	1	20
23	1	4	11	14	15	21	21	24	22	25	30	31	31	30	33	32	28	26	22	20	16	14	18	17	21
24	18	19	25	24	23	24	21	15	13	18	21	****	****	25	25	22	16	15	12	6	4	2	1	1	16
25	2	2	5	7	9	10	11	11	9	10	7	6	5	11	17	20	11	5	5	3	9	16	20	26	10
26	22	24	24	29	26	23	27	27	27	29	34	34	35	35	38	39	37	35	33	15	4	2	2	3	25
27	7	13	16	18	18	13	23	33	48	46	35	41	31	42	33	31	26	23	20	16	16	14	21	13	25
28	9	6	8	9	10	10	10	11	15	****	****	22	24	26	21	21	23	16	13	14	20	21	25	30	17
29	31	31	30	28	31	26	24	22	22	24	20	20	25	26	23	24	25	22	21	23	25	26	26	24	25
30	22	22	22	19	9	11	10	9	10	14	19	34	39	38	43	34	35	41	33	-	25	17	7	3	22
MEAN	21	23	24	23	23	22	22	24	26	29	31	32	34	34	34	33	31	28	24	19	18	21	22	20	25.7

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	5	12	12	12	8	15	23	29	31	30	36	49	57	****	-	59	****	32	23	23	18	16	16	24
2	9	18	14	13	16	17	13	14	13	16	23	31	37	43	43	42	51	48	32	10	1	1	2	16	22
3	22	30	30	29	27	23	26	27	29	27	28	37	41	40	40	41	40	38	37	34	33	33	33	26	32
4	32	36	37	35	31	31	32	37	39	37	39	40	41	40	37	35	37	40	42	39	36	32	32	36	36
5	28	25	17	7	8	7	16	19	9	****	31	29	38	43	35	21	25	24	24	27	32	34	35	32	25
6	20	17	24	36	32	28	22	26	25	24	25	23	****	****	****	6	10	15	15	10	4	****	****	****	20
7	5	6	8	10	****	2	1	7	10	11	19	25	25	33	29	34	35	35	30	25	20	17	17	15	18
8	11	10	11	11	12	11	11	12	14	29	14	16	18	18	17	18	18	19	15	22	16	14	17	18	16
9	11	14	20	13	7	6	8	9	10	9	10	16	20	19	20	17	21	20	17	22	17	15	15	12	15
10	16	13	16	15	13	14	18	18	19	20	21	22	24	29	30	33	32	32	28	27	24	22	23	19	22
11	15	25	30	26	24	20	25	32	43	43	43	40	33	43	46	45	47	47	44	39	37	34	33	32	35
12	29	24	26	23	18	16	18	17	20	23	27	27	29	32	****	-	42	41	38	40	35	31	35	31	29
13	34	34	31	33	32	24	25	25	30	30	32	28	24	27	27	30	38	38	37	36	32	25	21	24	30
14	23	19	21	22	21	18	17	23	27	****	24	26	22	24	27	26	30	29	22	14	11	19	17	-	22
15	20	16	16	16	13	12	13	11	14	22	25	25	31	33	31	26	24	23	23	18	23	21	22	21	21
16	21	28	22	19	17	19	21	25	28	32	27	31	37	40	40	37	37	36	31	17	30	24	19	23	28
17	24	21	9	10	17	21	27	30	33	32	40	44	43	46	47	47	43	49	39	35	24	16	13	5	30
18	6	39	47	58	54	47	45	40	40	36	31	28	41	42	-	40	39	37	36	38	33	27	29	30	38
19	25	28	27	25	24	23	29	35	37	40	40	43	40	39	39	41	34	30	25	11	17	15	15	16	29
20	12	8	9	5	3	2	5	11	20	30	33	37	41	50	50	56	61	52	38	23	24	15	2	3	25
21	4	3	3	2	2	2	5	18	29	18	88	60	60	65	59	72	70	70	66	65	70	68	65	60	43
22	54	54	47	43	45	37	32	36	41	43	47	57	58	56	59	57	59	57	55	58	66	56	24	22	43
23	46	53	66	71	59	47	49	51	58	67	76	81	83	79	80	74	69	68	63	31	27	21	22	24	57
24	22	20	15	5	2	3	7	14	20	27	33	44	46	52	60	70	57	56	48	28	18	27	31	19	30
25	18	21	29	30	31	31	35	39	40	50	45	45	46	45	45	43	44	41	36	41	36	31	22	27	36
26	36	28	29	33	42	32	34	37	38	****	27	****	36	36	****	35	36	****	31	29	29	30	33	33	33
27	34	****	29	30	27	25	31	32	38	40	39	43	44	43	40	39	41	40	39	25	14	3	9	16	31
28	23	33	30	30	29	23	24	33	33	37	35	42	****	****	42	44	41	40	32	25	26	20	16	23	31
29	19	22	21	25	27	24	26	28	34	39	44	47	38	42	47	****	49	44	35	13	21	23	35	39	32
30	49	56	42	34	20	14	15	15	19	30	36	36	46	47	27	26	15	54	10	25	28	15	8	9	28
31	18	24	39	59	57	53	51	48	51	51	48	51	55	55	59	59	59	58	56	51	54	49	42	40	49
MEAN	22	24	25	25	24	21	22	26	29	32	35	37	40	42	41	40	41	41	35	29	28	25	23	24	30.3

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	26	21	29	19	16	13	15	16	18	17	22	22	19	22	21	17	14	16	16	19	11	11	7	18
2	21	12	21	13	21	10	8	8	****	11	14	19	27	31	31	31	32	26	30	28	24	19	24	23	21
3	20	25	26	24	26	28	22	15	34	38	20	21	23	39	41	37	40	37	33	28	25	20	19	20	28
4	20	22	23	25	24	21	21	23	19	****	****	29	29	29	25	26	****	****	31	31	34	32	33	35	27
5	34	35	31	27	28	26	23	27	29	****	****	37	****	43	41	43	42	39	35	31	17	8	24	33	31
6	31	28	28	29	29	24	20	24	34	44	44	51	51	53	48	49	45	42	33	27	33	12	21	50	35
7	61	65	64	66	67	55	63	72	66	65	77	86	83	85	81	76	67	59	50	42	36	36	33	33	62
8	35	37	40	45	****	43	40	31	23	18	25	17	26	20	23	25	26	26	29	35	32	21	23	31	29
9	31	24	23	22	22	23	21	22	27	****	****	30	30	27	30	32	35	37	32	28	25	25	27	22	27
10	23	19	15	16	17	20	23	24	27	29	31	30	30	30	28	25	24	30	31	23	21	29	26	27	25
11	30	35	35	33	27	24	24	****	****	****	****	****	32	34	30	30	26	27	29	30	32	28	24	21	22
12	21	21	21	15	19	20	23	27	****	****	****	34	38	37	39	38	41	40	40	38	41	-	-	37	31
13	37	-	35	36	28	28	31	36	42	-	-	-	62	60	67	74	72	80	****	****	58	54	61	68	52
14	61	67	78	63	****	****	****	****	****	****	89	90	96	100	99	94	92	93	85	93	84	80	78	70	84
15	48	****	38	26	21	20	21	21	****	****	****	****	23	20	17	16	14	12	14	14	14	9	7	7	19
16	14	16	18	17	16	16	18	****	13	90	****	30	****	****	****	****	****	34	31	19	14	15	13	16	23
17	25	31	21	26	27	24	28	27	26	28	31	32	37	40	38	32	36	35	31	35	35	33	34	39	31
18	47	50	50	48	44	40	41	42	50	55	59	54	45	44	30	17	18	21	17	16	4	8	2	1	33
19	8	28	29	27	22	11	10	12	16	21	33	36	41	57	59	58	60	60	60	52	50	49	41	50	37
20	63	80	87	91	84	74	61	59	55	48	44	36	30	24	23	21	15	12	16	17	5	10	10	15	41
21	12	12	11	12	15	18	23	23	29	33	37	39	40	41	34	32	32	33	32	27	30	31	39	27	28
22	32	35	35	37	38	36	33	32	33	35	39	43	44	44	44	48	53	52	46	40	40	44	46	48	41
23	44	44	38	39	40	35	38	37	50	****	58	70	70	68	70	71	74	72	75	75	75	79	77	87	60
24	84	87	86	86	85	78	76	66	72	82	82	81	81	85	82	84	-	85	95	99	97	94	97	100	85
25	97	90	83	76	72	74	73	78	79	77	82	85	88	86	85	82	79	72	73	****	78	83	82	84	81
26	82	81	75	72	66	56	46	41	36	32	32	30	38	41	43	45	46	45	44	40	38	29	23	23	46
27	20	17	16	13	11	10	11	8	9	11	13	14	14	26	33	34	37	35	31	22	12	7	8	13	18
28	17	18	18	15	13	18	24	25	29	32	33	35	38	40	40	41	39	35	34	25	18	10	8	9	26
29	3	3	8	17	4	****	****	29	36	41	47	49	46	52	53	51	51	54	43	48	49	45	38	44	37
30	52	46	46	42	30	28	25	20	13	****	23	17	18	12	23	28	34	36	36	16	3	3	3	5	24
MEAN	37	38	37	36	33	31	31	31	35	40	42	41	43	44	44	43	42	43	40	36	35	32	32	35	37.5

PERCENTAGE OF DATA VALID - 92.9 PERCENTAGE OF DATA INVALID - 6.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	8	14	13	18	19	19	25	31	45	49	50	43	44	38	38	39	42	37	31	25	28	35	38	31
2	40	39	35	36	32	33	30	20	29	26	23	31	36	42	42	43	40	32	25	13	4	11	9	15	29
3	13	24	25	27	27	20	19	26	32	37	41	48	44	51	46	46	50	46	39	36	34	36	39	38	35
4	36	35	36	34	35	33	30	30	34	35	40	****	43	40	40	42	47	53	49	32	14	17	8	16	34
5	26	27	28	27	30	27	24	28	33	39	43	54	45	48	51	49	39	37	41	46	34	33	33	25	35
6	19	25	27	27	25	24	23	20	21	22	22	25	26	27	28	30	28	27	25	18	15	18	17	16	23
7	14	18	18	17	16	13	15	20	18	****	33	37	37	46	41	35	38	40	41	43	41	53	37	41	31
8	42	45	39	54	33	31	25	43	43	32	38	40	49	52	58	****	****	52	47	36	27	31	21	14	39
9	12	12	13	7	9	8	16	24	28	28	30	30	33	42	44	41	38	35	34	27	11	3	4	5	22
10	12	13	17	16	16	21	20	24	28	31	35	38	41	49	58	59	58	62	54	52	53	49	50	49	38
11	50	46	49	43	36	33	31	36	42	50	51	51	52	43	33	26	19	22	20	17	16	15	16	10	34
12	8	10	16	12	8	13	14	17	19	20	21	21	21	23	26	25	20	21	14	11	12	9	10	11	16
13	11	12	9	9	10	12	15	18	23	25	27	28	31	30	31	33	37	36	32	23	14	15	20	25	22
14	26	26	27	32	31	27	26	28	31	34	39	45	44	48	48	42	44	54	54	61	66	58	55	58	42
15	60	60	55	51	50	48	40	27	29	47	55	55	18	****	85	76	65	86	79	81	87	82	78	79	61
16	76	72	46	41	38	32	31	32	27	12	19	26	39	38	40	37	40	41	33	18	6	3	1	2	31
17	5	7	19	26	23	18	11	16	26	31	35	32	42	39	36	30	27	28	27	20	8	9	15	22	23
18	15	17	20	20	17	17	18	17	22	28	34	37	36	42	42	41	42	41	37	34	28	23	21	19	28
19	21	22	19	18	18	18	19	19	25	35	32	38	46	49	56	74	76	79	94	85	73	65	57	61	45
20	67	69	63	63	50	46	40	43	43	42	37	35	30	31	31	26	28	30	44	63	33	15	10	6	39
21	5	5	2	0	0	0	3	2	6	0	1	****	20	12	24	32	41	34	29	18	22	15	10	13	13
22	9	****	41	38	41	38	27	25	31	31	28	27	26	29	28	27	30	27	24	22	20	-	-	-	25
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	18	16	14	9	11	8	5	3	******
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	26	28	28	28	26	24	23	25	28	31	33	37	36	39	42	40	40	41	39	35	28	27	25	26	31.5

PERCENTAGE OF DATA VALID - 70.8 PERCENTAGE OF DATA INVALID - 26.7 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	37	42	44	49	50	46	38	49	50	45	44	35	******
6	40	37	39	39	34	31	31	31	31	29	28	34	34	37	40	42	42	37	45	49	53	55	57	48	39
7	42	31	27	25	25	23	33	28	29	37	46	50	52	54	58	47	47	-	35	33	30	37	41	46	38
8	60	54	52	48	42	39	37	34	37	38	49	52	54	53	51	48	57	69	66	68	59	50	46	41	50
9	****	37	40	38	39	35	28	27	30	29	35	36	35	32	33	31	30	30	30	19	8	6	3	3	28
10	3	4	11	10	9	9	11	17	23	26	27	31	35	37	36	35	37	38	33	19	13	3	11	17	21
11	5	3	2	4	3	2	5	11	20	32	36	44	45	52	50	48	****	41	37	33	33	22	21	22	25
12	13	9	****	15	14	13	14	16	17	24	27	33	30	29	37	35	38	36	28	19	11	10	7	11	21
13	12	12	13	11	10	9	9	12	10	12	21	27	27	34	30	29	34	36	27	7	5	4	13	13	17
14	12	11	13	14	14	12	18	13	15	22	33	40	39	37	32	30	25	34	24	31	34	39	44	42	26
15	44	40	39	31	28	26	23	20	21	22	22	20	22	22	23	24	22	22	19	18	18	17	18	19	24
16	19	18	19	17	15	13	****	18	22	30	24	24	25	27	25	24	27	25	23	9	11	16	12	11	20
17	13	18	16	15	13	10	15	19	24	38	45	30	33	31	33	35	35	31	25	12	4	12	15	12	22
18	14	17	17	20	17	3	3	5	8	13	25	32	****	38	37	40	38	37	35	41	39	45	47	45	27
19	46	44	43	42	38	40	30	21	17	****	26	29	34	38	40	41	40	27	23	14	5	9	16	6	29
20	3	6	11	9	9	8	10	13	16	18	27	31	33	51	52	41	35	32	21	16	20	12	11	20	21
21	7	6	-	****	3	3	9	16	26	28	31	38	39	40	39	39	35	34	29	27	26	25	15	19	24
22	20	6	2	3	2	2	4	20	31	34	37	39	41	48	49	45	43	37	28	26	23	8	2	2	23
23	2	3	2	2	5	3	9	21	46	54	62	71	73	63	58	55	49	54	48	34	32	26	23	17	34
24	15	16	13	7	7	5	12	15	18	29	38	35	41	44	37	30	31	27	13	4	5	4	4	7	19
25	14	12	13	11	12	12	16	13	22	15	19	29	37	38	39	37	34	33	26	26	30	30	27	28	24
26	25	28	25	25	27	23	24	-	38	43	41	39	32	32	27	20	22	28	34	37	36	38	41	44	32
27	54	48	50	48	45	42	34	28	30	26	29	34	26	37	50	54	44	30	13	11	14	19	24	21	34
28	17	16	15	13	6	3	5	6	9	11	16	22	29	45	40	38	42	37	21	3	3	4	3	2	17
29	3	3	3	3	3	2	3	6	16	22	23	24	31	32	34	35	31	24	12	9	18	19	21	18	16
30	4	2	5	3	3	4	3	5	9	18	25	28	31	32	44	****	38	44	59	****	52	53	53	50	40
31	44	44	46	50	47	42	43	43	37	34	36	44	49	48	44	41	38	33	24	24	31	37	36	37	40
MEAN	21	20	22	20	18	16	17	18	23	27	32	35	37	40	40	38	37	35	30	25	25	24	24	24	27.1

PERCENTAGE OF DATA VALID - 83.9 PERCENTAGE OF DATA INVALID - 15.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	35	37	42	42	****	****	15	15	15	17	20	20	22	23	23	21	21	22	21	18	16	16	20	24
2	19	18	18	17	16	16	12	11	8	****	****	43	45	43	39	42	38	32	38	42	41	38	39	37	30
3	36	38	33	28	29	26	26	25	26	25	27	29	32	35	37	30	26	25	21	18	13	12	7	11	26
4	10	9	10	7	5	7	8	9	13	19	24	31	29	31	32	22	20	32	21	-	18	15	14	22	18
5	31	50	50	53	57	53	52	44	51	46	50	52	51	49	53	50	46	50	46	48	51	57	48	34	49
6	30	29	32	31	30	27	22	24	27	28	28	30	32	32	34	35	32	24	15	9	13	16	10	5	25
7	4	4	7	12	13	14	14	18	22	24	28	27	28	27	25	26	27	19	8	4	5	4	5	7	16
8	9	13	11	15	14	11	12	14	27	31	32	32	31	33	32	32	33	****	6	4	4	6	6	14	18
9	14	14	18	18	18	13	13	17	22	24	20	22	24	29	37	39	50	53	50	42	31	30	27	25	27
10	22	20	18	15	15	10	8	8	12	17	21	24	14	****	39	27	25	19	21	22	25	27	25	24	20
11	26	27	29	29	28	25	19	19	27	51	33	39	41	47	52	61	57	58	36	29	28	24	21	23	35
12	14	7	7	11	9	5	5	10	16	19	19	19	22	48	24	32	21	****	15	5	6	5	6	14	15
13	9	6	6	9	8	6	4	6	13	16	15	22	22	24	23	22	18	14	16	16	17	16	17	19	14
14	16	26	11	7	7	6	7	7	8	7	7	10	11	12	12	10	11	12	12	11	9	10	14	15	11
15	16	17	21	14	17	12	7	-	15	17	18	19	21	22	23	22	21	10	5	5	6	5	6	6	14
16	9	11	15	14	16	13	9	13	20	24	26	28	****	****	31	30	33	29	28	34	38	38	41	36	24
17	39	39	39	35	33	30	23	24	39	42	38	38	39	40	42	40	23	14	14	18	26	30	32	27	32
18	25	27	34	24	22	20	17	17	19	23	31	34	36	33	30	28	31	30	40	38	22	19	20	19	27
19	16	16	18	20	21	17	15	14	17	36	33	25	31	36	37	54	59	19	5	9	6	6	13	15	22
20	15	16	18	25	20	7	14	21	34	43	50	57	57	64	62	64	67	60	60	56	52	47	42	35	41
21	32	24	30	20	19	14	13	19	19	30	21	21	17	20	22	20	16	13	25	20	15	13	23	16	20
22	31	32	36	41	34	32	26	39	38	48	43	51	33	36	29	48	47	22	9	5	10	14	33	37	32
23	35	26	23	25	29	27	18	19	30	19	28	17	27	21	16	17	29	****	10	6	6	6	6	7	19
24	8	10	9	6	6	5	2	15	****	****	28	24	35	26	33	32	44	16	9	41	28	16	14	14	19
25	23	13	7	7	8	5	4	4	6	26	21	18	30	14	8	12	14	11	12	26	22	21	18	20	15
26	20	22	22	17	16	12	14	28	22	29	46	31	27	23	19	13	13	26	25	21	21	22	23	25	22
27	27	27	30	29	28	-	22	22	24	24	24	28	31	31	28	27	21	34	33	33	28	28	27	21	27
28	24	24	24	21	14	13	11	16	16	19	21	22	22	25	24	23	24	18	16	14	11	8	11	18	18
29	16	11	6	7	23	17	12	12	25	40	40	33	46	48	36	30	22	31	3	5	22	25	38	37	24
30	41	43	57	42	37	44	33	36	28	****	****	62	68	66	72	-	56	43	37	5	15	20	15	14	40
MEAN	22	22	23	21	21	17	15	18	22	27	28	30	32	33	32	31	32	27	22	21	20	20	21	21	24.1

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	20	26	26	33	23	24	19	6	8	11	10	****	13	14	10	****	****	4	3	34	2	26	14	17
2	14	31	****	****	****	****	****	****	****	****	****	9	8	9	8	3	4	4	4	5	5	4	6	7	******
3	21	25	25	24	25	38	36	25	24	28	27	28	30	31	30	28	23	27	28	38	27	47	30	31	29
4	32	32	30	30	31	25	25	23	23	25	25	27	****	26	26	21	26	16	35	14	27	-	19	23	26
5	24	41	34	35	45	14	33	27	20	23	26	****	26	27	24	31	45	15	37	15	18	7	18	13	26
6	26	16	10	15	12	17	15	17	14	15	20	23	24	24	21	19	44	28	27	17	14	12	10	10	19
7	19	10	11	16	13	12	10	13	15	17	17	19	16	15	20	17	16	9	10	14	11	10	8	8	14
8	13	14	14	11	6	4	19	5	4	6	17	18	4	3	3	14	25	12	7	16	14	6	16	8	11
9	11	19	18	22	24	24	22	20	20	21	24	23	23	25	22	21	35	16	20	19	-	-	20	18	21
10	17	22	20	16	16	26	33	23	8	13	15	18	21	21	29	20	****	****	32	25	25	25	27	28	22
11	28	27	28	34	26	23	19	16	15	20	33	24	28	26	25	31	18	35	23	20	-	-	-	15	24
12	16	4	4	6	6	5	****	11	13	31	****	18	15	16	15	13	27	13	29	7	7	7	7	6	12
13	7	7	17	6	7	7	10	14	10	11	17	22	25	25	26	22	23	25	25	26	18	20	13	11	17
14	22	23	25	31	34	36	33	28	26	28	29	31	32	31	29	29	31	38	32	32	31	32	31	30	30
15	28	26	28	28	26	29	30	27	17	18	31	26	26	****	****	22	****	23	****	18	6	6	8	12	22
16	15	12	14	17	19	21	28	17	17	19	19	22	22	22	20	16	16	13	10	10	14	16	25	25	18
17	28	29	27	25	27	29	26	21	19	22	25	25	24	13	****	****	9	28	7	5	****	19	15	11	21
18	16	8	21	28	29	28	23	15	14	22	24	28	28	26	23	14	8	10	10	9	8	-	-	-	19
19	28	30	28	23	30	25	26	24	24	26	29	28	-	-	25	23	18	11	17	16	16	17	16	19	23
20	14	10	10	14	11	9	11	10	****	19	21	24	27	27	27	22	18	19	12	10	8	7	6	9	15
21	14	22	27	27	28	29	29	29	27	28	28	29	30	28	26	26	21	10	12	15	7	8	7	6	21
22	10	8	12	10	10	9	7	3	4	2	3	4	5	4	4	3	5	5	5	5	5	5	5	6	6
23	5	6	6	7	7	7	5	3	3	6	10	12	14	12	9	7	6	8	****	11	13	11	12	10	8
24	11	10	11	9	8	8	5	5	7	****	****	15	15	18	22	23	24	26	26	27	26	26	26	27	17
25	26	27	26	24	25	24	22	22	22	23	22	25	25	23	25	24	25	33	27	24	24	25	24	25	25
26	25	25	24	10	23	26	23	17	24	24	25	26	28	30	30	29	27	29	28	28	28	26	23	21	25
27	19	17	14	16	14	15	13	9	10	16	19	19	22	23	23	18	7	6	5	5	4	3	4	4	13
28	5	4	4	4	4	4	4	2	3	7	9	11	9	9	6	5	5	5	4	4	4	5	5	3	5
29	5	5	5	4	4	4	5	4	3	3	16	19	7	****	8	5	3	5	5	5	5	4	5	10	6
30	21	24	25	27	28	29	29	28	25	35	27	38	27	27	26	22	17	17	14	11	18	16	14	12	23
31	14	11	14	16	20	19	20	15	15	18	19	21	21	22	21	16	11	24	16	14	11	6	7	-	16
MEAN	18	18	19	19	20	19	20	16	15	18	21	21	21	21	20	18	19	18	18	15	15	14	15	15	18.1

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	15.4	26	52
FEB	29	23.6	33	44
MAR	31	26.4	37	55
APR	30	25.7	46	68
MAY	31	30.3	57	88
JUN	30	37.5	65	100
JUL	22	31.5	61	94
AUG	26	27.1	50	73
SEP	30	24.1	49	72
OCT	31	21.1	40	69
NOV	30	19.4	35	49
DEC	30	18.1	30	47
YEAR	351	24.8	65	100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	233	485	10	1	0	0	0	0	729
FEB	68	448	154	0	0	0	0	0	670
MAR	79	351	290	3	0	0	0	0	723
APR	97	369	202	33	0	0	0	0	701
MAY	60	329	257	71	3	0	0	0	720
JUN	33	276	217	90	53	0	0	0	669
JUL	47	220	201	51	8	0	0	0	527
AUG	100	250	238	36	0	0	0	0	624
SEP	107	401	159	35	0	0	0	0	702
OCT	140	489	82	21	0	0	0	0	732
NOV	149	479	81	0	0	0	0	0	709
DEC	191	462	49	0	0	0	0	0	702
YEAR	1304	4559	1940	341	64	0	0	0	8208

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.4	0	6.4	16.4	23.2	29.5	41.3	49.9	64.3	76.6	100	24.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST.SAULT STE MARIE MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	-	-	-	-	-	-	-	-	-	****	27	61	58	62	55	53	57	57	50	41	30	24	15	9	******
22	0	0	0	0	0	0	9	38	44	42	57	64	61	63	62	58	67	64	64	57	57	43	38	5	37
23	18	16	21	29	41	17	24	36	54	62	65	57	70	73	73	69	56	59	41	38	24	16	11	28	42
24	8	2	0	0	0	0	6	14	67	40	30	50	56	58	63	71	65	65	61	43	29	7	21	31	33
25	36	36	34	32	35	34	38	38	38	39	42	42	45	47	45	47	47	44	43	32	25	23	29	37	38
26	38	30	30	25	20	2	19	25	29	31	36	40	46	****	****	41	44	44	38	30	17	17	6	2	28
27	11	20	0	0	10	7	13	8	18	19	22	25	26	19	23	25	30	25	28	18	13	13	17	6	17
28	10	21	26	27	25	18	14	16	24	24	26	27	-	****	28	25	29	32	31	25	20	15	16	19	23
29	25	25	28	31	29	11	19	23	29	36	37	38	38	44	50	57	60	64	60	55	54	50	49	45	40
30	51	51	51	49	47	44	38	31	29	32	32	26	35	42	48	41	36	37	39	30	24	25	30	27	37
31	38	31	31	29	28	31	36	35	28	20	16	18	13	12	11	14	20	25	20	10	7	1	0	0	20
MEAN	24	23	22	22	24	16	22	26	36	35	35	41	45	47	46	46	46	47	43	34	27	21	21	19	32.1

PERCENTAGE OF DATA VALID - 33.6 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 65.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST SAULT STE MARIE MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	2	4	10	19	23	29	32	38	44	47	48	44	40	38	29	19	14	12	15	19	22
2	28	28	25	24	24	21	13	8	8	12	13	13	16	****	3	7	10	15	18	18	15	16	12	16	16
3	15	19	20	21	21	10	8	9	8	9	14	16	19	18	18	19	19	15	13	9	6	3	1	6	13
4	2	3	1	1	0	0	1	2	5	10	12	22	30	30	31	29	29	27	25	17	7	4	1	0	12
5	0	0	0	0	0	10	11	12	16	22	27	29	37	34	29	27	24	22	18	16	19	21	35	34	18
6	40	41	43	42	42	38	31	22	21	24	24	26	32	38	43	45	45	42	23	16	9	8	19	24	31
7	27	27	27	29	31	35	34	31	34	31	32	34	32	30	27	23	9	8	12	15	13	11	9	8	24
8	14	15	15	17	20	23	21	25	25	25	25	26	26	26	26	26	26	23	21	23	17	11	3	0	20
9	0	1	11	21	18	13	9	13	18	22	25	23	20	20	16	16	18	18	15	11	7	8	12	13	15
10	6	2	9	19	20	17	21	24	27	27	28	26	25	24	24	25	27	28	25	18	12	8	15	16	20
11	17	15	4	5	1	0	8	11	18	25	29	31	30	30	30	27	28	29	29	21	3	0	0	0	16
12	0	0	1	3	6	5	8	12	20	26	39	49	59	62	65	66	67	63	63	59	48	49	49	47	36
13	49	50	51	49	49	44	38	41	38	30	31	40	53	51	49	22	23	18	35	6	1	36	44	51	37
14	15	18	27	38	49	57	44	44	44	42	41	26	26	25	25	27	32	15	10	6	11	11	12	11	27
15	11	12	13	13	13	13	17	18	16	18	24	28	26	25	24	22	21	23	16	10	4	6	18	19	17
16	16	12	13	13	3	5	10	16	22	23	23	22	25	26	26	25	27	30	28	14	9	12	16	12	18
17	19	13	9	11	10	12	18	20	26	34	35	43	49	50	51	54	49	41	40	34	25	22	26	30	30
18	27	28	31	31	24	16	14	15	15	16	17	17	19	21	20	22	20	22	17	13	11	2	1	1	18
19	6	11	10	12	9	2	2	****	****	****	****	12	10	10	12	18	22	23	18	13	9	11	12	17	12
20	23	24	26	22	18	12	14	16	18	23	25	26	30	28	30	31	31	28	28	19	12	3	2	0	20
21	12	2	0	0	0	2	5	9	13	22	27	35	41	40	37	43	46	44	40	38	30	24	12	18	23
22	17	19	41	37	36	26	26	31	36	46	49	55	66	66	68	68	67	62	58	52	31	24	34	37	44
23	37	38	39	35	36	37	36	41	51	52	55	57	57	56	53	55	61	73	80	73	63	30	21	27	48
24	65	57	55	20	13	16	31	58	66	70	75	81	****	****	70	70	73	73	61	56	46	38	27	39	53
25	24	34	40	50	46	32	35	****	****	48	50	56	60	59	57	61	57	57	47	60	57	51	41	45	49
26	43	43	37	34	27	3	14	17	34	36	37	40	38	38	43	31	25	22	17	10	7	4	12	12	25
27	15	13	13	15	16	11	8	10	14	13	13	13	19	20	22	21	19	19	20	19	9	0	0	0	13
28	1	2	12	13	17	17	18	20	19	17	16	14	12	9	7	9	11	15	18	14	12	14	13	11	13
29	14	12	14	18	22	19	17	18	19	17	20	23	22	21	24	22	22	26	26	23	18	16	18	19	20
30	14	4	6	9	11	7	7	6	7	8	10	11	17	20	****	23	24	24	19	12	4	7	6	0	11
MEAN	19	18	20	20	19	17	18	20	24	27	29	31	32	33	34	33	32	31	29	24	18	15	16	18	24.0

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST.SAULT STE MARIE MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	3	10	12	10	13	18	18	23	22	15	17	23	23	25	29	21	17	11	6	6	4	14
2	0	0	1	1	0	0	0	3	5	9	14	17	17	17	18	18	16	18	21	16	2	2	0	0	8
3	0	0	0	1	1	0	0	2	8	18	27	29	28	30	34	35	37	43	45	45	34	35	31	11	21
4	25	27	6	8	3	1	7	4	4	9	15	18	20	23	28	30	35	40	43	37	38	36	36	26	22
5	27	30	35	40	39	41	32	45	44	37	22	22	27	27	25	26	28	27	23	19	5	10	11	13	27
6	9	11	14	16	16	5	17	18	21	22	28	28	26	25	22	22	22	23	19	16	15	4	0	0	17
7	0	0	0	3	5	0	2	2	12	26	26	22	26	26	27	26	34	47	36	30	19	22	20	15	18
8	15	****	30	18	13	17	20	1	16	18	20	21	24	26	29	30	28	26	23	14	8	7	6	1	18
9	1	1	5	8	2	1	0	5	16	19	27	29	30	32	38	31	32	35	26	24	24	27	23	8	19
10	10	7	8	10	11	7	10	24	28	32	36	44	48	50	52	46	45	45	29	19	3	2	3	5	24
11	2	1	0	0	0	22	22	23	29	36	24	21	19	18	16	19	19	18	14	7	2	0	0	1	13
12	0	0	0	7	9	10	11	12	16	18	22	22	23	24	25	27	25	34	26	3	5	3	3	3	12
13	0	0	0	0	2	12	26	28	26	31	36	37	39	36	36	36	37	36	24	12	18	2	0	0	20
14	9	8	12	13	8	6	2	0	0	0	2	10	16	18	19	16	14	24	45	38	13	9	23	34	14
15	36	35	31	19	16	13	9	****	24	32	42	****	****	35	36	39	41	41	38	****	****	****	****	****	30
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22													- DATA INVALID -												
23	****	****	****	****	****	****	****	****	****	****	****	****	****	18	18	18	18	19	18	18	14	4	6	1	******
24	1	0	3	5	4	1	0	9	9	11	20	31	37	37	38	40	44	52	55	60	41	51	54	53	27
25	37	36	42	43	31	22	14	9	10	14	27	29	34	27	29	30	34	26	14	11	2	3	5	6	22
26	9	8	10	6	1	0	5	11	16	18	20	21	21	21	23	23	18	16	17	12	6	2	3	0	12
27	0	0	0	0	0	2	2	7	12	18	22	23	24	25	26	27	28	26	24	17	14	7	3	0	13
28	1	3	3	4	7	0	11	9	22	40	43	43	39	40	40	34	40	41	28	21	14	12	13	13	22
29	17	13	15	14	16	17	17	****	****	26	26	24	24	24	25	23	22	19	19	20	16	10	12	16	19
30	16	16	18	16	14	2	4	8	15	37	25	23	24	22	22	24	26	26	24	24	21	24	28	9	20
31	6	16	16	17	17	18	18	18	30	34	39	47	57	67	69	69	67	62	59	58	53	44	41	29	40
MEAN	10	10	11	11	10	9	10	12	17	23	25	27	28	29	30	30	31	32	29	23	16	14	14	11	19.3

PERCENTAGE OF DATA VALID - 74.2 PERCENTAGE OF DATA INVALID - 25.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST.SAULT STE MARIE MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	20	15	9	15	11	11	15	18	26	35	38	42	37	35	36	34	31	30	25	16	2	0	0	22
2	3	5	9	11	14	6	0	5	8	10	15	19	22	24	26	28	29	28	27	22	18	14	1	4	15
3	2	0	0	0	1	2	4	11	18	20	21	21	21	23	23	23	20	20	18	17	13	2	0	0	12
4	0	0	0	1	1	2	5	6	7	9	16	21	30	26	24	25	26	27	23	16	25	38	35	35	17
5	40	47	46	46	44	42	34	20	19	29	34	34	34	36	38	40	42	40	41	42	40	29	8	18	35
6	22	14	4	2	1	0	4	8	14	20	21	23	25	25	26	24	25	27	24	17	1	0	0	2	14
7	2	10	14	16	18	12	15	9	16	21	30	41	45	41	43	43	40	39	35	18	13	22	27	22	25
8	28	28	35	25	24	24	19	19	19	19	19	24	31	31	32	36	38	39	38	35	31	27	22	18	28
9	23	22	21	18	9	3	5	9	12	15	17	20	23	22	21	22	23	22	19	16	12	10	7	0	15
10	0	0	0	0	0	0	4	8	12	13	17	17	18	19	18	21	24	23	21	15	10	1	1	3	10
11	7	10	16	15	13	11	7	5	6	12	10	10	16	16	15	15	14	19	20	9	0	0	0	1	10
12	8	12	17	17	13	6	2	3	6	7	8	10	15	13	13	13	13	14	10	2	1	0	0	0	9
13	0	0	4	6	1	0	0	0	1	3	6	9	8	8	7	5	18	20	8	10	11	10	9	10	6
14	6	9	9	12	8	1	0	7	12	15	18	22	23	17	16	14	13	12	8	4	1	1	0	0	10
15	0	0	6	8	7	1	2	6	6	11	12	10	13	13	14	14	14	14	11	7	1	3	0	2	7
16	3	3	6	1	3	3	4	8	9	11	14	17	21	21	20	20	21	20	17	4	0	0	0	0	9
17	2	4	8	10	9	7	7	10	10	11	12	15	20	22	26	29	29	31	29	28	28	30	30	31	18
18	30	30	27	26	22	19	14	5	7	8	7	7	19	20	20	18	18	19	21	16	7	2	0	0	15
19	0	0	0	2	1	1	0	4	5	9	26	27	30	32	35	36	38	36	36	27	24	21	17	25	18
20	37	38	39	39	37	34	24	****	****	34	43	47	45	43	40	36	39	44	45	41	41	40	42	46	40
21	47	51	53	53	53	53	46	35	30	21	19	21	21	21	21	21	23	28	24	17	3	16	17	10	29
22	15	15	16	16	11	4	6	10	14	17	18	20	22	22	22	22	21	23	16	11	3	1	0	0	14
23	0	0	0	0	0	0	0	5	5	15	21	27	31	36	38	42	43	43	38	32	31	30	5	4	19
24	5	16	11	12	15	12	12	15	17	17	25	26	30	27	35	40	30	26	28	15	17	11	9	21	20
25	26	24	26	28	20	17	12	8	18	31	32	43	50	49	49	51	53	48	51	44	40	36	35	41	35
26	49	48	43	42	39	27	13	18	35	35	32	24	21	22	22	16	14	17	12	12	9	7	8	10	24
27	10	10	13	17	18	14	2	0	0	0	2	7	7	8	11	16	14	11	7	0	0	0	0	0	7
28	0	1	2	4	4	4	2	2	5	9	11	10	14	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	14	15	16	16	14	11	9	9	12	16	19	22	25	25	26	26	27	27	24	19	15	13	10	11	17.5

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF DATA INVALID - 11.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST.SAULT STE MARIE MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	****	****	****	****	****	****	****	****	15	23	20	21	26	26	26	27	28	27	24	16	14	7	7	10	20
3	6	6	6	8	4	0	0	0	3	10	15	14	12	12	12	8	10	12	15	18	23	24	27	30	11
4	31	35	37	42	43	42	41	36	36	36	41	50	39	40	41	38	38	39	40	24	23	7	22	18	35
5	23	23	28	27	19	19	20	16	15	22	22	19	22	22	22	18	19	19	18	14	5	1	1	1	17
6	0	0	0	0	0	0	0	0	3	12	16	18	21	22	22	22	19	19	15	9	6	0	0	0	9
7	0	0	3	7	9	8	6	7	9	13	23	22	25	24	27	27	27	23	18	4	0	0	5	7	12
8	9	9	6	7	10	7	0	0	4	14	18	24	30	25	26	25	28	32	30	25	21	18	24	31	18
9	35	31	34	39	30	30	23	10	13	14	14	14	15	14	10	14	14	14	15	14	10	9	9	11	18
10	10	12	21	15	14	12	6	7	14	18	19	20	21	23	23	18	17	16	15	17	15	17	24	20	16
11	27	27	28	29	30	28	24	23	26	27	24	23	23	24	27	24	27	25	18	17	6	3	2	3	21
12	7	7	10	11	11	8	7	5	7	8	10	12	13	13	13	11	12	13	13	9	7	8	6	6	9
13	13	15	15	15	13	13	13	16	17	15	13	9	5	6	9	8	8	6	7	6	4	4	5	5	10
14	9	9	9	12	18	20	26	27	20	15	11	11	16	13	12	12	12	12	8	10	13	8	7	8	13
15	11	4	6	0	0	0	0	0	10	14	16	****	20	20	15	19	21	14	18	15	12	14	13	14	11
16	17	19	19	18	12	12	14	8	8	10	7	6	12	11	10	14	12	13	10	9	6	5	6	2	11
17	6	13	15	15	16	12	5	5	12	13	15	18	20	20	17	20	18	15	10	3	0	0	0	0	11
18	4	9	12	11	9	7	5	5	9	12	12	11	15	15	13	11	7	6	10	6	12	13	12	9	10
19	13	14	17	22	16	9	5	5	11	14	16	14	16	15	15	15	13	17	19	17	19	20	22	20	15
20	24	29	32	37	49	47	30	18	14	14	13	15	15	15	15	10	10	8	7	4	0	0	0	0	17
21	11	11	11	11	14	12	14	13	12	11	8	8	11	7	8	12	10	4	6	7	5	8	8	11	10
22	16	17	20	17	17	8	5	6	6	0	3	0	8	4	0	9	8	11	14	9	8	9	7	8	9
23	10	11	13	13	12	11	7	5	9	13	12	16	20	20	17	15	12	14	6	0	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	0	0	****	12	10	4	4	9	11	7	9	7	7	0	3
25	5	5	10	8	7	0	0	0	5	7	9	14	24	29	25	20	16	21	15	14	9	0	0	0	10
26	17	17	17	20	20	17	13	10	14	14	15	18	17	15	16	17	17	16	11	0	0	0	0	0	13
27	0	0	7	9	7	8	0	0	0	0	9	15	16	19	17	16	18	20	13	13	11	7	6	4	9
28	0	0	0	0	0	0	0	0	11	15	14	16	21	20	21	20	17	14	9	8	8	4	6	9	9
29	17	21	22	21	23	18	18	13	11	11	12	20	27	41	54	58	60	57	61	63	63	60	55	55	35
30	35	43	35	21	17	17	11	12	10	10	11	7	7	7	7	7	6	6	6	7	6	7	7	9	13
MEAN	13	14	15	16	15	13	10	9	11	13	14	16	18	18	18	18	18	17	16	13	11	9	10	10	14.0

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST.SAULT STE MARIE MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	8	12	12	10	10	8	8	7	4	0	9	21	23	19	12	12	10	14	10	10	10	10	16	11
2	15	13	13	13	10	5	0	0	10	9	9	12	12	12	14	14	14	11	10	11	12	12	12	15	11
3	23	23	23	22	12	9	6	8	14	16	18	17	20	23	21	17	20	18	12	11	14	17	20	17	17
4	24	23	23	24	21	18	13	15	18	14	15	16	18	15	15	15	15	17	16	14	10	8	12	11	16
5	15	11	12	11	13	7	3	9	14	18	20	20	22	22	22	20	18	16	11	14	11	11	11	14	14
6	19	19	17	17	17	12	10	10	****	11	15	13	20	18	18	20	19	19	18	12	11	6	5	0	14
7	0	0	0	0	0	0	0	0	5	4	9	11	16	16	14	14	16	17	9	9	6	6	6	9	7
8	10	9	4	9	10	14	16	16	20	20	18	19	18	15	16	15	17	18	16	11	11	5	13	18	14
9	12	3	6	8	13	7	0	0	10	17	21	21	20	20	20	21	17	17	12	6	6	5	5	5	11
10	10	11	15	17	10	14	19	16	17	19	16	14	14	10	11	13	10	8	5	0	5	1	8	4	11
11	9	4	0	9	10	6	3	11	10	6	7	8	12	11	7	9	6	5	7	7	11	10	10	15	8
12	18	16	20	20	21	20	20	21	18	23	25	24	24	26	23	23	20	17	13	12	8	7	15	21	19
13	29	28	28	27	20	13	11	11	18	23	23	23	23	23	22	20	21	15	8	6	0	0	0	0	16
14	0	0	0	0	10	5	0	0	9	15	15	14	18	17	17	17	18	16	9	0	0	0	0	0	6
15	0	0	8	8	4	0	0	0	6	11	18	18	27	27	28	27	27	22	13	13	8	0	0	0	11
16	6	6	6	8	5	7	3	4	8	12	15	20	26	27	26	24	24	25	24	24	21	20	25	25	16
17	22	21	19	14	10	9	8	10	12	10	12	19	25	25	25	28	36	37	30	30	36	30	22	21	21
18	18	18	18	18	18	18	15	16	16	15	13	12	13	12	12	12	13	13	12	12	12	11	13	20	15
19	15	15	16	16	17	12	10	16	13	14	23	25	25	17	21	21	24	19	16	13	17	15	16	14	17
20	20	19	20	16	16	13	10	5	11	15	13	21	15	16	19	21	17	22	13	14	20	24	13	10	16
21	12	12	14	15	19	10	22	17	19	18	16	19	23	21	19	19	14	18	18	18	18	14	14	16	17
22	12	10	10	13	13	7	0	0	6	11	11	15	19	19	18	18	17	7	0	0	0	0	8	12	9
23	13	21	20	20	19	15	15	13	15	16	15	16	15	15	16	18	18	18	17	20	16	16	21	22	17
24	19	19	16	16	15	12	10	11	13	15	19	19	24	24	21	21	22	24	24	20	21	21	15	15	18
25	14	13	13	13	16	17	16	16	16	6	8	9	9	9	8	8	5	7	7	8	10	11	7	8	11
26	8	12	16	21	22	26	26	26	26	24	26	26	26	26	22	21	22	22	18	16	16	16	16	25	21
27	25	25	25	23	24	24	19	22	15	18	19	17	19	20	19	20	19	23	27	26	23	23	22	23	22
28	21	14	15	20	21	17	12	19	22	16	20	22	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	14	13	14	15	14	12	10	11	14	14	16	17	19	19	18	18	18	17	14	12	12	11	12	13	14.5

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 11.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST.SAULT STE MARIE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	10	32.1	42	73
JUN	30	24.0	53	81
JUL	23	19.3	40	69
AUG	27	17.5	40	53
SEP	29	14.0	36	63
OCT	27	14.5	22	37
YEAR	146	18.9	53	81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST.SAULT STE MARIE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY	32	96	77	45	0	0	0	0	250
JUN	137	381	131	60	1	0	0	0	710
JUL	173	269	94	16	0	0	0	0	552
AUG	237	304	110	8	0	0	0	0	659
SEP	280	363	33	10	0	0	0	0	686
OCT	184	472	3	0	0	0	0	0	659
YEAR	1043	1885	448	139	1	0	0	0	3516

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
79.6	0	1.2	10.1	16.0	22.7	38.1	46.9	58.0	63.7	81	18.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - MAY 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	46	46	47	39	26	17	16	****	******
27	39	39	38	36	34	30	29	30	32	35	36	37	37	****	****	28	28	29	32	36	31	28	28	****	33
28	23	21	21	21	18	19	18	20	25	29	35	39	41	41	37	37	38	42	43	28	13	6	5	****	27
29	3	3	3	3	3	3	3	24	43	43	41	42	47	48	48	54	59	61	63	56	37	25	29	****	32
30	19	38	54	60	52	35	23	16	34	46	49	47	40	36	47	51	47	31	16	14	21	17	7	****	35
31	25	40	28	22	21	22	27	19	20	22	21	20	26	27	28	28	32	35	37	36	22	16	1	****	25
MEAN	22	28	29	28	26	22	20	22	31	35	36	37	38	38	40	40	42	41	40	35	25	19	14	****	30.6

PERCENTAGE OF DATA VALID - 16.1 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 82.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - JUN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	8	16	25	25	37	39	39	38	38	37	39	38	41	43	36	26	17	23	****	25
2	25	26	41	37	24	19	16	18	20	22	26	31	27	26	24	22	24	25	25	25	25	27	32	****	26
3	32	23	18	19	26	11	7	7	9	11	24	27	27	26	22	21	21	22	22	22	25	7	20	****	20
4	1	1	1	0	0	1	2	8	13	31	29	22	21	23	26	25	27	28	28	21	6	3	0	****	14
5	1	1	1	6	10	15	17	22	32	30	29	32	41	43	48	46	43	44	44	40	37	31	28	****	28
6	36	40	43	45	41	36	32	36	34	34	32	36	47	47	45	46	48	49	46	48	43	39	38	****	41
7	20	16	10	28	28	23	20	20	35	37	28	24	15	6	6	7	7	9	11	11	10	11	11	****	17
8	19	20	23	26	27	24	23	24	27	27	27	27	25	25	23	22	24	28	26	25	23	22	21	****	24
9	5	1	1	7	11	12	15	19	20	19	19	15	18	16	16	19	21	22	23	23	26	7	2	****	15
10	2	7	18	26	31	25	29	26	32	34	34	34	39	37	38	41	43	41	36	34	30	20	5	****	29
11	3	7	6	6	9	4	9	15	29	29	32	29	27	26	26	31	35	38	36	34	37	16	8	****	24
12	0	0	1	0	0	0	2	12	37	45	46	52	53	55	58	58	59	63	69	75	79	77	73	****	40
13	73	74	73	58	61	67	61	55	56	57	49	52	52	52	54	57	62	65	63	52	34	16	15	****	55
14	9	6	12	18	17	19	19	18	16	16	18	13	17	18	19	19	17	16	14	11	11	12	14	****	15
15	20	20	26	22	19	17	16	23	26	35	26	27	35	28	26	26	24	27	32	35	22	6	1	****	24
16	5	11	5	6	3	4	6	13	20	18	21	26	27	27	31	38	38	39	36	34	32	19	7	****	20
17	0	0	0	4	4	2	20	23	34	37	43	46	47	47	46	52	55	48	40	36	42	38	39	****	31
18	32	32	39	25	20	13	5	6	24	26	26	21	26	24	30	30	30	31	26	26	15	3	0	****	22
19	2	8	1	6	12	4	6	6	21	24	25	25	22	23	23	25	25	25	25	25	23	18	8	****	17
20	0	0	0	0	0	2	3	11	17	22	24	25	26	28	31	36	38	38	38	36	35	24	9	****	19
21	0	0	0	0	0	0	0	11	22	31	36	38	36	38	39	39	39	39	40	35	31	28	9	****	22
22	8	4	0	0	0	0	6	34	51	63	76	80	79	79	81	82	78	81	81	77	68	16	9	****	46
23	3	3	0	0	0	0	5	25	67	73	75	72	67	69	70	68	65	63	60	48	24	31	17	****	39
24	0	0	0	0	0	0	0	26	****	75	78	83	85	85	87	88	95	96	96	85	30	9	5	****	47
25	29	73	73	81	81	60	74	79	74	71	70	65	65	66	66	66	67	72	73	70	68	50	32	****	66
26	2	11	39	18	40	54	45	44	44	30	44	48	30	21	20	20	21	22	20	23	24	24	22	****	29
27	20	15	15	18	20	19	21	23	25	26	27	28	26	28	30	31	30	32	34	30	22	24	20	****	25
28	22	34	35	27	27	27	25	22	21	20	19	18	15	18	23	24	30	22	20	16	14	22	25	****	23
29	21	13	15	11	8	8	9	13	14	13	13	16	13	20	24	28	29	31	30	26	13	15	20	****	18
30	18	7	0	0	7	9	10	12	13	11	14	19	21	20	26	28	29	29	28	28	29	28	27	****	18
MEAN	14	15	17	16	18	16	17	23	30	33	35	36	36	35	37	38	39	40	39	36	30	22	18	****	27.7

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	16	11	6	5	25	28	29	34	38	40	38	38	42	42	42	38	34	27	15	1	0	****	25
2	0	0	2	0	1	1	3	5	14	21	22	23	27	30	40	38	34	35	34	34	39	7	3	****	16
3	4	7	7	1	2	4	23	32	39	42	45	55	56	46	47	47	52	54	57	61	48	16	2	****	32
4	1	5	7	1	0	7	10	12	18	24	35	47	41	41	42	46	37	34	27	34	30	13	14	****	23
5	19	16	24	62	68	72	69	64	45	31	28	31	36	36	34	36	46	32	32	29	32	32	18	****	39
6	2	0	2	6	8	5	7	30	39	45	53	49	32	34	37	42	46	42	45	43	24	13	1	5	25
7	2	6	0	0	5	5	16	19	21	25	42	45	42	45	53	57	49	54	55	60	72	68	57	****	35
8	64	63	58	52	54	54	52	44	40	42	37	32	35	35	36	37	41	34	34	34	31	27	12	6	40
9	0	0	0	0	1	1	3	9	19	27	27	28	31	31	39	37	43	40	37	35	35	10	2	****	20
10	13	16	18	14	8	4	16	36	42	46	49	49	47	47	50	53	54	56	57	64	58	55	32	20	39
11	18	18	21	22	14	18	6	14	16	18	20	27	35	36	40	40	53	23	21	28	7	1	2	2	21
12	8	5	6	4	3	4	7	11	21	22	24	30	24	24	25	27	29	29	31	36	20	4	0	2	17
13	7	27	12	5	7	7	3	21	21	28	24	30	34	39	41	34	37	33	39	42	26	5	-	-	22
14	1	1	3	0	0	1	2	5	9	34	47	35	32	37	48	49	48	46	49	51	43	29	14	****	25
15	27	27	54	38	25	37	47	51	44	36	50	42	52	48	50	49	39	43	46	50	51	46	21	****	42
16	9	12	2	4	10	17	5	10	10	7	-	-	-	-	-	-	-	89	30	39	30	17	19	10	19
17	39	18	5	5	8	11	17	11	21	26	27	25	19	18	23	28	47	34	29	36	50	17	4	****	23
18	5	8	7	9	10	10	8	11	25	60	37	28	57	36	27	30	31	25	24	24	38	44	54	****	26
19	46	48	58	44	40	38	60	68	72	69	91	30	36	37	37	38	79	37	35	39	23	4	2	0	43
20	6	9	11	38	2	0	0	0	4	29	23	27	39	34	32	35	39	37	36	36	37	20	14	19	22
21	16	16	19	3	2	6	9	9	10	17	17	34	15	15	20	22	22	20	17	18	18	19	15	14	16
22	8	7	5	5	7	4	18	9	10	26	20	22	55	29	28	22	23	36	20	22	27	21	0	0	18
23	6	8	2	2	8	8	0	2	9	16	20	21	24	27	29	32	35	35	35	35	36	28	11	8	18
24	0	0	10	4	6	6	9	25	27	34	46	43	42	44	45	48	43	53	58	63	67	68	70	67	37
25	74	71	70	71	72	65	35	19	15	23	20	25	27	25	26	26	26	23	23	26	26	5	3	****	35
26	9	7	0	4	4	1	5	5	8	17	25	35	58	36	32	29	31	31	39	30	13	5	0	0	18
27	1	0	2	1	7	5	6	11	20	27	34	31	27	52	24	24	29	35	28	31	7	0	0	****	17
28	3	7	5	4	5	13	3	11	36	42	36	****	****	****	****	****	****	****	****	****	26	34	44	39	******
29	39	42	43	41	41	37	38	38	40	38	40	45	32	32	34	29	27	26	24	21	12	7	10	2	31
30	10	7	13	****	****	****	****	****	****	****	****	****	****	****	****	****	51	36	36	37	10	5	9	8	******
31	1	1	3	4	1	19	12	18	40	54	****	****	****	****	****	****	****	61	74	97	68	110	4	0	33
MEAN	15	15	16	15	14	16	17	21	25	32	35	34	37	35	36	37	40	39	37	39	33	23	14	12	26.6

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	3	6	17	24	25	48	52	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	****	41	50	52	44	36	34	36	30	24	22	20	17	15	11	******
3	4	0	0	0	0	3	5	9	17	20	18	18	17	14	17	29	46	20	24	21	13	8	28	1	14
4	0	0	3	0	5	6	5	7	10	24	19	22	24	25	26	27	28	30	31	31	23	43	50	****	19
5	61	71	85	59	55	53	46	45	45	47	41	44	71	37	38	41	41	38	31	36	30	31	28	****	47
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	29	31	38	23	9	0	****	******
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	55	56	62	57	61	55	49	17	3	6	******
8	15	24	22	18	18	18	5	7	3	15	28	25	45	41	51	51	60	47	54	48	44	35	15	4	29
9	16	19	9	19	13	0	9	11	22	15	17	21	20	17	16	18	19	20	29	23	8	29	27	11	17
10	18	18	10	7	13	16	15	15	24	22	24	25	26	36	36	29	26	27	21	14	10	9	11	1	19
11	3	5	7	4	4	4	3	3	6	5	7	8	13	16	16	22	24	29	31	27	16	14	15	21	13
12	19	17	15	17	20	19	29	27	27	38	32	18	21	18	21	21	17	17	18	22	16	12	3	0	19
13	8	8	5	4	5	8	9	10	11	12	12	9	11	13	19	24	20	25	41	48	50	51	42	30	20
14	25	30	24	9	11	15	17	20	24	28	29	19	14	15	17	21	17	15	21	16	16	12	11	0	18
15	1	1	11	10	16	14	12	12	23	23	23	24	23	20	22	27	27	23	26	30	34	14	18	8	18
16	8	1	8	11	7	4	8	12	12	15	17	26	34	27	21	22	25	22	19	7	4	3	2	4	13
17	4	7	7	5	2	5	17	15	14	14	17	17	20	23	26	31	30	31	31	30	35	31	31	20	19
18	18	30	34	35	30	22	13	15	21	20	16	16	23	24	27	27	27	27	28	28	31	27	27	29	25
19	18	13	9	7	7	10	7	9	****	11	13	18	23	30	27	15	35	29	41	45	19	23	23	13	19
20	0	3	13	2	4	4	5	7	15	31	31	31	36	36	39	56	53	53	51	41	2	24	42	0	24
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
22	26	26	26	15	2	0	0	6	20	20	23	23	25	26	29	30	31	31	34	36	15	5	0	0	19
23	0	3	3	0	0	0	0	0	16	21	24	28	44	44	45	49	46	49	49	13	4	0	0	0	18
24	0	3	17	12	11	14	12	15	42	41	42	43	49	49	49	49	49	49	46	43	42	9	6	5	29
25	4	5	2	2	15	16	14	6	37	51	50	50	61	61	61	61	61	55	54	54	54	52	52	****	38
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	9	9	13	13	13	13	13	12	11	10	10	10	16	16	16	18	20	20	20	10	2	2	2	2	12
28	6	6	6	2	2	2	2	2	3	5	7	10	23	23	23	23	23	22	21	3	0	0	0	0	9
29	0	0	0	1	0	0	0	2	1	3	6	16	25	25	32	32	32	34	35	35	18	6	0	7	13
30	27	24	19	26	28	56	55	54	54	54	47	51	57	57	58	58	58	56	54	51	47	42	42	41	47
31	18	7	7	5	5	5	4	5	7	26	30	32	40	40	36	37	38	38	38	25	3	3	0	0	19
MEAN	11	12	13	10	10	12	12	13	19	22	22	23	29	28	30	31	33	31	32	28	21	18	16	8	20.3

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 8.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	1	1	1	1	2	9	8	26	29	29	34	30	23	13	19	10	6	0	0	11
2	6	5	2	2	2	0	0	4	4	4	5	5	13	26	30	29	25	22	17	3	0	0	3	****	9
3	0	0	0	5	5	3	3	3	3	4	13	13	18	17	17	16	18	18	16	16	17	14	14	****	10
4	1	21	28	63	57	55	55	54	54	54	51	47	47	47	47	44	44	41	37	32	32	32	31	****	42
5	35	35	35	35	35	31	31	31	28	26	26	26	27	27	27	27	28	27	25	25	24	6	6	8	26
6	****	0	0	0	0	0	0	0	17	17	20	20	29	29	29	29	29	29	29	29	29	22	28	****	18
7	14	11	10	8	4	3	2	2	5	7	7	10	13	15	15	18	18	16	14	3	0	0	0	****	8
8	0	0	0	0	0	0	0	0	4	17	24	28	31	31	30	30	35	31	7	18	41	41	46	****	18
9	50	50	50	50	43	37	22	15	16	14	11	11	15	15	15	17	19	20	20	6	0	0	0	****	22
10	0	0	3	3	4	4	0	8	24	24	23	23	29	29	29	29	29	29	34	34	36	37	35	****	20
11	39	39	39	38	27	9	9	6	15	24	26	28	37	37	36	32	25	24	19	17	10	7	6	****	24
12	11	10	8	8	8	8	5	9	10	10	10	12	12	18	18	19	20	18	17	6	4	3	3	****	11
13	11	14	15	14	13	13	12	12	12	12	11	10	14	13	13	13	12	12	11	11	11	10	10	****	12
14	16	16	15	14	14	13	13	13	12	12	11	11	15	15	15	15	15	15	18	18	68	43	22	****	18
15	3	3	3	0	2	2	****	****	7	14	17	17	25	25	25	****	25	****	21	23	23	23	23	****	15
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	43	39	34	37	44	45	44	41	41	41	47	41	37	36	39	40	44	50	45	45	40	35	31	****	41
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26	47	47	43	41	41	41	40	37	36	37	39	39	34	28	15	19	19	18	23	16	10	5	0	0	28
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	17	17	17	19	18	16	15	15	17	19	21	21	25	26	25	26	26	25	22	19	21	17	15	3	19.7

PERCENTAGE OF DATA VALID - 54.0 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 43.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	5	30.6	35	63
JUN	30	27.7	66	96
JUL	29	26.6	43	110
AUG	27	20.3	47	85
SEP	17	19.7	42	68
YEAR	108	24.4	66	110

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY	11	50	50	9	0	0	0	0	120
JUN	136	320	144	74	15	0	0	0	689
JUL	196	205	218	70	3	1	0	0	693
AUG	233	289	112	49	1	0	0	0	684
SEP	123	173	84	9	0	0	0	0	389
YEAR	699	1037	608	211	19	1	0	0	2575

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
70.1	0	1.2	11.8	22.0	31.4	48.5	57.7	71.1	78.1	110	24.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	9	9	10	12	11	10	7	10	11	12	13	13	11	10	11	11	12	12	8	7	8	10	10
2	11	11	11	12	12	11	10	8	8	6	8	11	11	11	11	10	10	8	10	9	9	9	8	8	10
3	9	10	12	11	12	12	11	10	9	11	11	12	13	13	14	13	11	6	2	6	12	6	4	8	10
4	3	8	8	3	1	1	4	0	2	4	7	13	12	6	4	4	1	0	0	0	0	0	0	1	3
5	4	6	8	10	*****	11	11	10	9	10	13	12	11	11	10	9	7	5	5	5	6	6	3	4	8
6	5	5	6	7	8	7	5	6	5	6	7	8	7	7	7	7	7	9	11	12	11	11	9	10	8
7	13	15	14	13	11	8	4	8	6	8	10	11	13	15	14	14	12	11	11	10	11	12	11	11	11
8	8	8	10	9	10	10	9	4	9	11	10	8	7	3	*****	6	2	1	5	10	14	15	15	12	9
9	10	10	10	10	11	10	8	4	2	5	7	9	10	10	10	10	8	8	9	9	10	10	10	9	9
10	11	9	12	11	5	1	3	1	2	3	6	7	7	7	6	5	3	8	10	10	10	8	10	11	7
11	10	8	6	5	4	3	3	4	3	28	*****	*****	11	11	10	8	7	6	8	11	12	12	11	12	9
12	12	13	13	13	13	12	11	11	11	13	13	13	13	13	15	15	14	13	14	14	12	10	11	10	10
13	11	4	14	9	8	9	11	12	13	11	12	14	16	17	15	11	10	8	9	6	4	6	7	5	10
14	6	6	6	6	6	6	5	2	2	3	4	5	6	9	8	8	5	6	4	7	7	8	6	9	6
15	8	9	12	12	13	14	13	10	8	10	11	11	12	9	10	8	8	9	10	10	7	8	10	9	10
16	9	11	11	10	9	9	7	6	5	8	6	9	8	7	8	6	4	*****	5	9	10	10	11	9	8
17	14	14	11	11	12	11	9	5	4	4	3	3	3	3	2	1	1	0	2	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	1	2	3	4	4	4	3	3	4	4	5	6	6	7	2
19	8	8	7	8	8	8	9	10	10	11	12	11	13	13	12	11	12	12	11	11	11	11	13	12	11
20	13	11	11	10	10	6	9	10	10	8	12	11	13	13	13	12	12	12	11	9	11	12	12	11	11
21	12	12	13	13	13	13	6	4	4	6	12	13	14	*****	11	10	8	4	10	11	8	5	5	6	9
22	6	7	5	6	6	7	3	0	0	1	3	14	*****	9	8	7	5	4	8	9	11	10	7	11	6
23	11	12	11	13	14	15	14	15	15	14	14	4	11	13	12	12	10	7	11	11	13	12	14	15	12
24	15	16	14	15	15	14	13	12	12	13	13	14	14	14	14	11	9	6	3	4	5	6	10	7	11
25	5	7	12	12	13	13	10	5	3	6	9	10	14	14	13	11	8	5	4	3	8	10	8	11	9
26	9	10	12	12	12	11	12	12	11	11	12	12	11	13	13	13	12	7	6	8	8	9	9	10	11
27	7	7	5	6	11	11	9	7	9	10	16	15	16	16	12	15	8	6	6	7	9	7	6	4	10
28	2	7	11	9	9	8	8	7	6	8	9	10	11	11	11	8	6	2	0	0	1	6	6	7	7
29	9	9	10	10	11	12	11	9	9	10	*****	14	12	13	13	12	11	12	6	9	5	8	12	11	10
30	11	12	11	13	13	15	11	10	7	13	14	15	14	14	*****	10	9	10	-	10	12	11	12	12	
31	12	13	11	12	12	13	12	11	12	13	13	13	12	12	12	12	10	10	11	13	13	12	13	13	12
MEAN	9	9	10	10	10	9	8	7	7	9	10	11	11	11	11	9	8	7	7	8	8	9	9	9	8.9

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - FEB 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	14	13	12	11	11	11	12	13	13	13	12	13	13	11	11	13	11	11	13	12	14	12
2	13	13	14	14	13	11	12	11	8	12	13	13	13	13	14	13	13	14	14	15	14	*****	*****	*****	13
3	14	15	15	15	15	16	15	15	14	14	14	14	14	14	14	14	14	14	15	15	15	15	16	15	15
4	16	15	15	15	15	16	14	13	12	*****	*****	14	15	14	15	14	11	11	12	14	13	12	9	11	13
5	12	14	14	15	17	15	12	11	10	13	13	*****	15	14	14	12	-	-	0	0	0	0	1	3	10
6	4	8	11	11	11	11	10	8	7	8	8	8	12	12	12	11	10	5	6	8	10	9	8	10	9
7	11	11	12	11	11	12	9	7	10	11	10	10	11	13	12	14	11	9	11	13	12	10	11	13	11
8	14	14	15	11	12	13	7	8	7	14	15	8	15	16	15	12	7	0	0	4	11	8	2	3	10
9	8	6	4	12	9	11	8	9	5	11	11	13	15	15	14	14	12	7	2	0	1	7	3	0	8
10	0	0	1	1	2	2	3	1	4	6	11	11	15	16	17	17	15	9	3	4	10	11	11	12	8
11	14	13	15	12	14	13	9	5	4	4	*****	11	12	12	16	14	17	15	7	7	11	15	8	8	11
12	11	12	13	14	13	12	14	7	10	11	10	15	15	14	16	16	12	9	4	11	9	9	14	13	12
13	11	13	15	18	11	14	16	11	9	15	7	18	18	15	15	*****	18	18	16	16	17	14	12	10	14
14	13	14	15	15	13	12	12	9	9	9	11	12	13	14	12	13	11	11	11	1	3	0	0	0	10
15	0	0	0	0	0	3	3	1	2	3	3	10	15	17	17	*****	9	3	*****	0	0	0	*****	0	4
16	0	4	7	8	9	10	12	11	11	11	11	11	11	11	11	10	11	9	9	9	10	10	9	9	9
17	8	10	9	10	12	14	10	4	8	12	15	16	17	17	15	16	15	16	16	17	16	15	15	16	13
18	17	17	16	19	16	20	19	14	17	9	38	22	22	25	26	26	25	25	25	25	24	23	26	25	22
19	23	24	24	24	24	21	20	18	15	15	14	18	17	18	20	18	13	10	8	4	7	7	4	4	15
20	5	8	6	12	13	10	6	3	4	8	2	12	12	11	8	7	6	6	6	6	5	6	4	7	7
21	6	9	12	13	12	12	11	10	11	12	13	13	12	11	11	10	11	10	10	6	8	7	9	9	10
22	11	11	12	13	14	13	13	8	7	10	9	8	10	10	11	11	10	10	10	8	10	10	8	4	10
23	5	6	6	10	5	0	0	3	8	11	12	14	16	16	15	14	12	11	10	11	9	7	5	4	9
24	3	1	9	9	12	13	13	11	11	13	13	13	14	13	12	14	14	13	12	11	12	14	10	10	11
25	11	10	11	12	11	10	8	8	8	6	10	12	12	12	11	11	10	11	13	13	13	13	12	12	11
26	13	13	14	14	12	14	14	12	10	13	14	20	19	19	20	18	19	17	13	12	11	11	14	17	15
27	16	16	17	17	14	15	*****	11	14	15	16	5	17	16	9	*****	15	15	17	15	15	15	15	15	15
28	15	13	14	14	14	12	13	6	8	13	14	14	14	13	13	12	15	13	13	14	13	12	13	14	13
29	14	15	15	17	16	14	12	13	14	14	8	13	12	14	13	15	16	16	16	15	14	16	16	18	14
MEAN	10	11	12	13	12	12	11	9	9	11	12	13	14	14	14	14	13	11	11	10	10	10	10	10	11.5

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	15	15	16	11	13	15	18	19	19	19	17	14	14	14	8	3	8	9	9	3	14
2	5	3	11	12	5	8	12	15	14	19	19	21	22	23	22	22	22	21	20	20	18	17	16	16	16
3	18	18	18	17	20	17	11	11	11	14	18	17	19	24	24	26	****	25	27	24	19	15	14	14	18
4	19	21	22	20	20	17	16	11	11	9	10	14	18	20	18	17	19	19	17	18	18	11	11	12	16
5	12	12	12	13	13	13	12	10	10	11	14	15	13	12	14	14	13	12	13	14	15	16	16	17	13
6	19	19	19	16	16	16	16	12	13	17	16	20	24	9	23	23	23	25	25	23	20	20	20	20	19
7	20	17	17	16	15	16	10	10	7	12	17	18	20	19	17	19	17	19	17	16	12	9	12	4	15
8	0	0	0	0	0	0	1	1	6	11	16	17	17	18	17	18	18	15	8	5	8	11	13	13	9
9	17	16	11	14	12	18	10	10	14	21	20	19	27	24	23	26	26	28	28	27	25	24	18	23	20
10	35	33	18	16	14	27	24	20	20	24	14	21	22	22	18	21	20	19	18	19	17	17	16	17	21
11	18	16	15	15	15	14	13	14	14	15	15	15	14	15	16	17	17	19	19	18	20	21	19	19	16
12	19	19	17	19	20	19	14	15	15	16	14	17	18	17	15	13	11	13	6	0	1	2	2	2	12
13	0	3	5	7	9	10	9	7	9	13	13	14	15	15	15	13	11	17	11	11	12	13	13	14	11
14	16	16	17	16	17	17	13	13	13	11	13	18	17	16	17	17	17	15	14	15	19	20	19	20	16
15	19	18	20	20	19	17	16	17	16	17	18	17	17	16	16	17	20	16	9	1	0	0	2	3	14
16	0	1	8	14	14	17	17	17	18	20	20	21	20	18	19	19	18	17	14	18	22	23	22	19	17
17	19	25	24	24	22	20	17	15	6	10	7	4	4	8	6	6	7	9	10	14	15	16	17	17	13
18	16	16	15	15	17	15	12	15	16	18	19	18	17	18	18	15	16	17	15	16	17	18	18	17	16
19	19	18	18	5	1	1	5	6	9	10	12	21	24	24	27	27	24	24	23	20	22	23	22	21	17
20	19	17	15	14	13	11	8	5	8	10	14	16	22	22	27	30	27	24	19	19	8	2	4	1	15
21	7	12	12	15	14	15	13	13	15	13	2	12	13	13	15	16	18	19	18	18	20	19	20	20	15
22	20	19	20	20	20	20	19	18	17	16	15	16	16	14	13	13	13	11	11	13	14	13	14	15	16
23	15	13	14	17	16	17	17	16	14	16	16	16	16	16	16	14	14	12	11	11	11	11	12	12	14
24	11	12	13	13	14	14	12	10	9	10	12	3	11	9	9	11	10	8	8	9	10	11	11	13	11
25	12	13	12	13	12	14	14	13	12	13	13	14	12	12	14	12	14	15	15	13	14	13	15	15	13
26	16	18	18	19	18	17	17	16	14	18	11	****	19	19	20	18	17	15	14	8	2	4	6	4	14
27	4	3	1	1	3	1	1	3	5	11	20	20	22	25	25	23	19	20	20	21	21	18	15	9	13
28	12	7	1	2	4	10	9	8	12	12	7	24	27	26	23	20	16	14	12	10	8	9	10	5	12
29	6	9	13	14	15	14	14	15	16	16	16	16	16	15	13	13	13	14	14	10	5	7	9	11	13
30	13	12	10	15	16	16	16	17	17	17	18	17	17	17	14	15	13	11	12	12	11	13	14	16	15
31	17	19	18	18	18	19	16	15	14	17	18	20	17	15	9	12	11	13	12	10	8	8	10	8	14
MEAN	14	14	14	14	14	14	13	12	13	15	15	17	18	17	17	17	17	17	15	14	14	13	14	13	14.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - APR 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	15	16	13	11	9	7	6	-	18	23	26	25	22	21	22	22	22	20	26	22	19	17	18
2	17	16	19	17	15	15	14	13	14	15	17	17	16	15	14	15	16	15	15	13	10	12	7	1	14
3	2	5	2	3	3	3	1	4	8	15	19	20	-	20	20	18	17	14	11	10	8	15	16	16	11
4	16	17	16	18	20	20	18	16	16	16	17	18	16	17	16	16	16	16	16	19	19	18	16	15	17
5	17	17	16	17	17	16	17	16	19	22	23	21	19	19	17	17	17	16	11	12	13	12	13	13	17
6	14	13	15	15	14	16	16	17	20	20	21	22	21	20	17	19	20	19	15	14	10	5	20	20	17
7	25	24	25	27	26	15	7	15	14	17	20	17	24	23	24	25	18	23	30	21	20	15	16	27	21
8	30	30	30	27	25	23	11	11	6	11	10	****	****	****	15	15	12	11	11	11	11	10	9	-	16
9	30	16	17	18	17	20	17	9	9	9	12	14	11	12	13	13	11	9	5	3	3	4	5	5	12
10	6	5	6	7	7	6	5	4	4	4	5	5	4	4	3	3	4	3	3	3	2	2	2	2	4
11	2	2	2	2	2	2	2	2	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	*****
12													- DATA INVALID -												
13													- DATA INVALID -												
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	9	9	9	6	8	7	8	9	9	******
15	9	11	11	11	11	8	5	6	2	****	****	31	6	10	9	9	8	8	9	10	12	15	16	17	11
16	18	18	19	19	18	19	18	19	19	19	19	19	19	19	18	19	19	19	20	21	12	6	1	9	17
17	14	18	19	20	20	17	20	23	25	29	31	31	31	30	32	29	22	18	20	17	14	16	14	17	22
18	18	19	15	15	14	14	13	14	13	17	20	20	20	22	22	24	23	25	15	5	12	8	4	2	16
19	11	12	19	9	5	5	7	16	26	28	30	35	35	39	42	42	43	43	42	40	32	36	27	20	27
20	21	19	21	21	20	18	18	17	18	17	20	22	23	21	18	16	16	16	17	17	18	12	17	15	18
21	17	17	19	16	18	16	17	19	20	23	24	27	25	17	22	21	21	18	18	14	11	-	13	15	19
22	17	18	20	19	18	19	20	20	23	22	25	25	26	21	24	25	21	24	23	17	15	11	-	17	20
23	18	24	26	26	28	28	25	20	17	20	18	28	25	23	14	12	12	10	11	10	10	7	11	11	18
24	11	10	12	13	11	12	11	8	12	13	14	14	22	20	18	20	19	21	21	15	15	3	4	6	14
25	6	8	11	12	12	10	10	12	10	6	7	11	12	10	10	10	7	8	12	7	7	9	4	7	9
26	11	11	11	9	9	11	9	11	10	9	10	13	12	15	14	16	12	11	10	8	10	8	6	7	11
27	8	8	7	11	10	11	11	12	13	12	10	9	9	8	9	8	8	8	8	7	7	7	7	7	9
28	7	7	7	7	8	8	6	6	6	6	7	8	7	8	9	10	11	12	11	13	12	11	13	13	9
29	13	15	16	17	16	14	12	11	12	11	11	14	14	12	12	10	11	13	11	7	10	4	4	14	12
30	5	5	11	16	14	10	5	12	15	9	13	13	15	15	14	14	12	15	16	-	17	15	11	14	12
MEAN	14	14	15	15	14	14	12	13	13	15	16	19	18	18	17	17	16	16	15	13	13	11	11	12	14.6

PERCENTAGE OF DATA VALID - 88.1 PERCENTAGE OF DATA INVALID - 11.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	9	14	13	10	9	12	13	14	14	19	18	15	18	21	25	26	27	24	18	22	10	19	16
2	10	10	9	8	9	7	9	13	16	17	17	19	18	18	15	14	16	15	15	14	12	11	14	14	13
3	13	13	14	13	12	7	7	11	13	19	19	21	22	21	21	19	21	20	22	24	23	24	24	23	18
4	22	18	17	17	15	16	18	20	20	12	30	27	27	24	27	27	26	27	29	27	23	23	30	37	23
5	24	25	33	43	50	62	59	51	40	46	37	34	22	14	11	11	13	14	15	14	16	14	12	7	25
6	8	9	9	8	8	7	7	12	17	20	20	17	17	16	14	15	13	14	15	15	14	14	13	13	13
7	12	14	15	13	7	4	3	4	7	18	21	20	13	33	33	35	36	39	41	38	39	37	38	37	23
8	32	33	29	26	25	20	19	16	15	14	****	****	15	14	15	15	16	17	17	17	16	15	17	17	19
9	16	16	17	13	5	3	4	9	15	12	10	18	21	21	20	21	19	19	24	25	20	21	19	18	16
10	12	15	15	15	13	10	10	16	24	30	30	33	33	28	29	29	30	29	29	25	26	27	22	22	23
11	18	18	17	18	18	19	16	15	11	11	10	11	12	12	10	13	13	13	12	12	11	12	9	7	13
12	9	11	12	12	11	11	12	13	14	16	17	19	19	18	15	19	19	22	22	21	16	16	16	14	16
13	11	10	10	10	11	7	10	15	17	20	19	23	21	18	21	22	25	26	23	24	24	25	25	25	18
14	25	24	24	24	20	22	19	21	26	29	33	33	38	32	24	19	33	49	55	66	74	76	72	68	38
15	66	60	58	53	56	52	29	26	21	32	37	35	36	30	29	24	20	13	9	8	6	5	5	5	30
16	6	7	7	7	7	6	5	6	6	7	7	7	6	9	9	8	8	7	7	5	5	5	5	5	7
17	5	6	5	5	5	5	5	5	5	5	5	6	7	6	6	6	6	6	7	6	3	1	1	3	5
18	4	3	3	3	3	3	3	4	5	6	9	8	7	6	7	6	6	7	7	7	8	8	7	6	6
19	5	9	13	17	17	16	15	15	14	12	14	15	12	9	8	8	7	8	7	8	7	6	5	7	11
20	6	6	7	6	6	7	6	6	8	8	8	9	11	10	10	10	10	10	9	8	6	6	3	3	7
21	4	4	5	4	5	3	3	4	6	8	11	11	4	****	21	20	13	18	18	14	11	6	10	12	9
22	13	15	13	10	10	9	7	8	11	13	12	12	14	13	10	8	9	11	12	11	11	9	8	7	11
23	7	8	11	10	8	8	7	7	9	10	11	13	16	16	14	15	14	15	15	17	12	8	8	8	11
24	9	10	13	11	9	4	4	7	13	16	20	22	20	20	21	21	23	24	25	25	23	23	21	23	17
25	26	29	31	29	30	23	28	27	27	24	27	19	22	24	26	27	29	29	19	5	6	7	7	9	22
26	10	12	12	12	12	12	11	12	13	13	13	15	16	15	15	14	13	15	12	8	6	5	3	1	11
27	0	0	2	6	10	10	10	10	10	11	17	21	27	24	25	24	19	21	28	26	26	26	25	25	17
28	31	17	14	16	17	16	13	16	25	33	34	41	39	7	-	-	31	28	25	22	-	-	-	22	24
29	26	28	26	27	20	19	10	18	19	21	23	22	21	23	25	13	14	19	19	16	11	13	7	3	18
30	9	6	7	9	8	6	7	10	11	12	15	16	13	14	10	17	19	17	19	17	15	15	14	18	13
31	18	18	17	17	19	8	11	18	24	30	31	31	33	34	36	47	57	64	61	56	44	40	36	41	33
MEAN	15	15	15	15	15	13	12	14	15	17	19	20	19	18	18	18	19	21	21	20	18	17	16	17	17.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	42	40	44	41	38	32	25	21	26	35	49	48	30	30	27	25	30	23	27	28	32	23	19	19	31
2	20	19	19	20	18	14	15	19	23	26	28	28	26	25	26	26	24	22	23	24	21	20	15	16	22
3	17	16	16	17	17	14	12	12	11	12	11	13	14	14	12	16	16	15	17	18	15	15	12	13	14
4	13	11	10	10	9	9	10	11	14	19	20	23	23	23	22	20	20	22	21	19	12	11	14	20	16
5	23	27	31	27	24	21	18	20	19	27	35	31	38	41	40	41	39	40	42	40	41	44	43	44	33
6	42	38	36	28	28	22	15	18	28	24	48	28	22	20	22	19	26	26	20	20	16	14	16	16	24
7	18	16	13	10	4	1	3	8	17	12	14	17	28	37	39	44	41	-	35	29	27	24	23	24	21
8	26	27	28	25	22	15	12	14	7	13	20	23	25	25	21	17	18	20	21	17	13	13	9	6	18
9	****	8	7	7	6	7	7	9	11	10	11	11	10	11	11	12	14	12	14	16	7	1	0	0	9
10	0	0	0	0	****	****	1	3	13	19	17	17	16	17	16	17	17	16	17	12	7	2	3	5	10
11	2	1	5	2	0	0	1	2	7	16	20	18	19	10	18	14	****	13	12	8	8	9	11	11	9
12	12	12	12	10	11	8	8	9	9	10	9	7	5	7	8	9	9	9	8	7	9	6	4	5	8
13	6	4	4	6	4	1	1	1	4	7	14	13	12	11	9	8	6	****	8	5	6	7	7	15	7
14	15	18	24	20	10	10	8	6	13	19	18	22	20	19	21	17	14	14	11	11	10	6	6	6	14
15	6	7	8	9	9	7	8	9	10	6	10	10	9	8	8	7	8	7	8	6	9	8	8	6	8
16	8	8	7	7	8	8	8	8	9	9	10	13	14	13	13	14	14	13	12	5	5	7	5	4	9
17	3	3	3	8	8	8	6	9	12	13	15	16	16	15	15	17	16	13	10	6	5	7	5	11	10
18	15	16	17	16	16	10	10	11	6	36	10	11	9	6	8	11	13	14	13	13	12	9	7	16	13
19	22	23	24	22	20	12	****	10	14	18	22	25	32	30	25	22	22	22	20	17	16	18	23	24	21
20	20	15	20	17	13	14	7	9	20	25	27	26	26	26	24	22	25	27	32	31	25	23	28	25	22
21	25	24	-	****	22	20	16	18	19	21	22	24	27	27	28	28	32	30	27	28	34	31	33	34	26
22	34	35	37	36	34	30	24	23	28	18	14	14	15	18	17	20	20	16	14	12	4	1	1	6	20
23	9	11	12	15	14	13	11	12	17	20	27	25	24	22	24	24	23	21	21	21	18	18	17	16	16
24	15	17	15	19	20	22	24	24	26	27	30	31	27	24	24	26	27	25	24	20	7	10	13	19	22
25	21	18	19	15	12	7	2	9	24	32	39	38	14	37	42	43	46	55	52	47	43	45	46	51	32
26	51	46	40	37	33	29	25	-	31	30	31	33	34	35	35	34	34	33	31	33	29	26	26	24	33
27	18	14	14	13	12	9	7	6	6	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	10	11	9	1	0	0	3	3	******
29	5	7	5	5	5	4	1	1	****	4	4	5	5	13	17	15	17	19	16	15	15	10	8	5	9
30	8	13	16	19	25	30	37	37	41	42	42	43	43	48	49	48	48	47	46	44	46	49	43	40	38
31	38	37	32	29	26	22	20	22	22	25	29	29	27	27	27	27	28	28	28	23	27	31	30	29	28
MEAN	18	18	18	17	16	14	12	12	17	20	22	22	21	22	22	22	22	22	21	19	17	16	16	17	18.5

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 5.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	23	18	13	15	11	16	15	22	21	22	27	30	36	36	34	34	33	31	30	30	28	26	27	25
2	27	28	29	30	28	18	18	20	23	26	18	21	19	19	18	17	14	12	12	11	10	10	9	10	19
3	8	9	10	10	8	7	5	3	6	11	11	15	19	19	17	12	12	14	13	13	13	14	8	8	11
4	9	14	18	18	13	11	8	7	14	23	32	41	34	25	50	49	49	52	57	-	56	51	48	34	31
5	28	26	23	21	22	20	14	14	16	16	17	18	15	14	15	15	13	14	14	8	9	10	13	14	16
6	13	11	14	15	14	12	9	10	12	14	13	14	13	12	12	12	11	12	12	10	9	5	6	4	11
7	6	8	10	8	8	10	8	10	10	12	13	12	13	13	13	14	13	13	10	10	9	9	7	4	10
8	7	7	3	5	8	7	1	1	6	9	54	17	21	22	24	24	22	20	18	15	17	13	13	18	15
9	23	29	36	37	40	44	41	29	23	18	11	8	9	9	8	8	8	7	7	7	6	6	6	7	18
10	9	9	9	8	9	8	8	9	11	14	12	13	13	13	14	12	13	15	15	15	16	14	16	17	12
11	16	16	16	15	15	14	12	11	13	14	14	13	13	13	15	14	13	12	9	7	7	7	7	9	12
12	7	7	7	7	6	4	1	1	6	8	5	10	10	10	10	8	8	8	4	2	0	1	1	2	6
13	3	4	5	6	7	5	4	3	4	4	4	5	3	5	4	5	6	6	6	6	7	7	8	7	5
14	9	9	9	9	13	15	16	12	10	9	8	8	8	9	9	10	9	9	8	8	9	10	9	8	10
15	8	9	11	9	10	8	7	-	11	11	23	12	13	12	13	14	13	10	6	8	10	10	9	10	11
16	14	15	14	15	16	16	12	13	15	15	17	19	16	14	16	17	19	22	23	19	9	10	10	9	15
17	11	11	9	9	9	6	6	7	8	10	10	11	13	11	12	14	16	17	6	1	5	2	4	3	9
18	4	6	5	4	0	1	0	0	1	3	5	10	14	10	6	7	8	6	7	7	7	9	10	16	6
19	14	12	12	14	10	10	9	6	9	18	13	15	14	13	11	9	6	9	4	6	8	12	10	9	11
20	9	13	17	28	33	34	31	31	29	22	22	24	18	14	13	12	12	10	10	6	7	6	7	6	17
21	4	4	8	11	13	13	11	11	10	10	7	6	5	4	2	4	5	9	9	8	7	4	5	6	7
22	7	7	8	9	9	9	6	5	4	4	4	9	10	11	11	10	5	5	2	4	9	8	10	10	7
23	9	7	6	5	5	7	7	7	8	9	11	11	12	12	11	12	12	11	10	9	3	0	0	0	8
24	0	0	0	0	1	0	0	1	4	5	****	13	15	16	14	13	14	14	8	7	8	9	5	7	7
25	5	8	14	18	18	10	1	1	4	9	13	14	17	19	22	12	19	18	10	18	25	19	10	8	13
26	20	22	7	8	9	9	10	11	11	10	8	12	13	13	13	12	13	13	13	13	14	14	16	14	12
27	9	13	9	12	14	-	6	6	5	3	13	12	11	11	8	9	11	11	10	8	7	7	6	9	9
28	10	10	10	10	9	9	9	8	11	13	16	16	17	16	15	14	12	11	6	2	4	4	2	6	10
29	12	13	15	14	11	8	5	4	4	11	10	16	17	17	18	22	24	26	29	32	27	16	21	33	17
30	31	32	28	32	23	10	12	11	12	11	9	10	9	8	8	-	6	7	6	7	9	8	7	7	13
MEAN	12	13	13	13	13	12	10	9	11	12	14	14	14	14	15	14	14	14	13	10	12	11	10	11	12.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	5	3	3	1	0	0	4	14	23	29	30	26	18	19	14	12	11	10	12	7	12	11
2	14	12	10	9	9	8	5	5	6	8	9	9	9	8	7	-	7	****	8	9	10	10	10	10	9
3	11	****	12	12	11	11	10	9	10	12	13	12	13	12	12	12	10	12	11	11	10	10	10	10	11
4	11	11	11	10	10	10	11	10	9	9	9	9	9	8	8	8	8	8	8	9	10	11	10	11	10
5	11	11	12	13	12	12	12	11	11	11	12	12	13	13	15	14	12	9	4	5	8	4	6	10	11
6	5	6	8	13	13	11	7	9	11	14	17	17	20	18	16	14	11	-	13	12	12	11	11	10	12
7	9	9	10	8	7	6	5	5	5	6	7	8	6	7	9	10	11	10	8	10	13	12	12	14	9
8	13	16	20	22	20	15	6	6	12	-	-	6	10	8	8	8	10	11	13	13	14	14	14	13	12
9	13	8	9	8	14	14	11	11	10	16	17	16	15	14	14	14	14	14	6	1	2	1	4	1	10
10	1	1	2	3	4	1	1	3	6	7	14	19	20	21	16	18	19	18	14	15	8	6	8	6	10
11	8	9	11	10	10	10	7	7	6	6	3	5	8	11	11	9	8	9	10	12	12	11	6	7	9
12	7	8	10	10	11	11	12	12	13	13	13	13	13	13	13	13	14	14	15	16	16	16	15	15	13
13	14	14	14	14	14	14	14	14	14	14	13	13	14	13	13	13	14	13	14	13	11	8	10	9	**
14	15	15	15	16	14	13	12	12	14	17	15	16	9	****	14	10	8	7	1	0	7	4	2	2	10
15	3	3	3	3	3	3	0	0	2	10	12	13	14	15	15	16	11	4	0	2	7	1	0	0	6
16	0	0	0	0	0	0	0	0	0	1	9	17	17	19	17	17	15	12	4	4	1	3	6	11	8
17	12	13	12	10	6	4	2	1	1	1	4	9	13	14	16	17	18	16	16	15	13	12	12	11	10
18	12	17	16	14	12	12	10	10	8	7	7	7	6	6	7	7	5	5	6	6	5	5	7	8	9
19	8	7	7	7	7	7	7	8	8	10	11	13	13	14	12	13	13	13	12	10	10	10	10	8	10
20	11	10	12	12	11	11	9	9	10	11	12	13	7	14	13	12	13	12	11	11	14	9	10	11	11
21	12	13	15	11	8	6	3	5	10	10	10	10	11	14	13	12	11	9	11	11	12	13	13	11	11
22	13	13	12	10	11	9	7	7	7	10	11	11	10	10	10	9	9	9	10	9	8	6	5	6	9
23	9	10	11	6	3	3	2	1	3	8	11	12	11	10	10	7	7	6	6	6	6	7	6	8	7
24	8	10	11	11	12	9	6	6	7	9	11	13	13	11	13	11	13	7	7	7	9	10	7	7	10
25	8	11	12	10	12	10	9	7	5	6	6	6	6	4	4	8	6	5	3	5	4	2	4	5	7
26	6	6	6	6	6	6	5	7	8	10	12	13	14	15	15	15	14	15	13	13	12	13	13	14	11
27	14	14	15	14	15	11	11	9	8	11	13	13	12	7	12	14	13	14	14	12	13	14	15	15	13
28	15	14	15	16	16	15	12	12	13	15	15	15	15	15	15	14	11	10	8	8	10	9	12	12	13
29	14	13	14	14	14	14	12	12	13	12	15	9	-	17	15	17	16	3	0	0	3	8	9	9	11
30	10	10	15	10	14	13	11	7	10	20	22	22	23	21	21	17	15	15	15	15	12	12	13	14	15
31	16	17	14	11	13	10	9	7	8	9	10	12	13	12	11	11	11	11	11	11	11	11	11	10	11
MEAN	10	10	11	10	10	9	7	7	8	10	12	12	13	13	13	13	12	11	9	9	9	9	9	9	10.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - NOV 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	11	11	10	10	12	11	14	15	16	15	15	16	16	17	15	15	14	15	16	16	15	15	14
2	16	17	17	17	16	14	15	15	14	21	19	17	13	12	14	15	15	11	13	14	14	13	14	17	15
3	18	19	19	18	12	12	9	7	5	13	9	1	15	17	13	13	5	6	6	6	9	22	21	21	12
4	23	19	24	18	15	11	5	4	3	6	8	8	6	7	10	12	8	9	8	9	8	7	7	10	10
5	11	11	11	11	10	11	13	12	12	13	14	14	12	13	13	13	12	9	7	1	10	14	15	12	11
6	13	15	17	15	17	19	17	15	14	13	7	7	8	8	9	6	2	1	0	1	0	0	0	4	9
7	5	6	6	8	10	11	11	9	6	19	21	9	8	7	7	7	7	7	8	9	10	11	12	13	9
8	13	13	12	14	13	14	14	13	14	14	14	15	14	14	15	14	9	6	8	9	9	10	11	10	12
9	11	13	12	11	9	7	-	6	5	2	4	5	7	9	8	8	9	8	7	9	10	10	11	11	8
10	13	13	15	17	17	17	18	18	19	20	20	20	19	6	19	19	0	18	19	19	18	20	19	19	17
11	18	18	18	17	18	17	17	16	16	16	16	16	16	17	16	15	15	16	16	16	17	-	16	17	17
12	16	15	15	15	14	15	13	8	13	14	16	15	15	9	13	10	7	6	6	8	8	12	8	7	12
13	9	9	11	11	13	11	10	5	2	2	4	3	4	5	5	3	1	0	3	3	5	9	12	12	6
14	12	12	****	11	11	12	11	10	11	9	11	12	12	11	12	10	6	2	2	2	4	6	4	6	9
15	9	9	10	10	10	10	9	9	10	10	11	10	10	10	10	9	10	4	0	2	7	10	10	12	9
16	11	9	7	10	11	10	17	17	12	15	17	17	16	15	15	15	9	9	7	7	7	4	3	1	11
17	0	1	7	8	1	0	0	0	0	1	-	4	5	19	4	3	2	2	2	2	3	7	7	8	4
18	9	10	10	10	11	11	10	8	7	10	10	10	9	10	9	10	10	10	11	7	3	1	1	3	8
19	4	7	4	4	7	8	5	1	3	7	8	7	11	10	11	8	5	7	7	6	8	9	4	8	7
20	8	8	10	9	9	7	7	3	5	8	8	9	11	12	15	11	6	6	9	6	4	3	2	4	8
21	5	9	6	5	10	11	6	0	0	0	1	2	4	6	6	5	6	8	9	9	8	8	10	10	6
22	12	10	13	12	13	13	14	11	11	10	12	12	12	13	11	11	10	10	11	12	15	17	16	15	12
23	13	11	10	10	10	10	9	8	8	8	8	9	9	9	8	6	4	3	4	7	14	15	14	10	9
24	10	10	9	7	7	6	3	0	4	10	7	11	11	11	11	11	11	11	12	12	13	13	13	13	9
25	14	14	15	14	15	15	13	12	12	14	14	13	12	12	11	12	11	8	5	1	0	4	1	0	10
26	1	3	0	4	4	0	0	0	0	0	5	7	8	8	10	7	2	1	0	0	1	1	0	0	3
27	-	0	0	1	5	6	3	2	2	4	4	5	6	6	7	8	7	9	11	12	13	14	14	14	7
28	14	14	14	14	14	12	10	6	4	2	3	3	3	3	3	2	1	1	1	0	1	2	2	5	
29	2	2	3	3	2	3	5	5	6	7	7	8	9	10	10	11	11	11	10	9	8	9	10	9	7
30	9	9	9	10	9	8	7	8	10	11	12	12	13	14	14	11	5	7	2	4	4	3	0	0	8
MEAN	11	11	11	11	11	10	10	8	8	10	11	10	10	11	11	10	7	7	7	7	8	9	9	9	9.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - DEC 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	7	4	8	11	13	7	2	3	9	9	7	11	14	12	8	8	6	4	8	9	8	9	9	8
2	12	12	11	10	9	10	9	7	8	9	10	10	11	11	11	12	12	13	15	16	16	17	16	16	12
3	18	18	18	18	18	17	17	15	14	16	16	14	14	13	13	11	10	11	11	11	14	7	3	4	13
4	6	9	6	8	9	10	13	9	6	9	12	10	12	10	7	6	2	0	0	0	1	-	3	7	7
5	7	10	13	14	14	12	11	7	3	6	9	7	9	9	7	6	1	0	-	-	0	1	1	4	7
6	7	7	6	8	11	12	12	7	6	5	5	6	8	6	7	6	4	3	3	2	3	2	3	2	6
7	2	2	2	4	5	8	8	6	5	6	5	4	4	4	5	4	2	2	5	4	2	3	5	0	4
8	1	4	3	3	2	4	3	2	1	1	3	2	2	2	2	2	4	5	7	6	7	8	7	11	4
9	11	12	13	14	13	13	8	3	2	5	9	11	10	9	8	7	3	1	7	9	-	-	10	4	8
10	4	8	9	5	8	10	10	12	11	****	12	****	10	10	10	12	****	****	10	11	10	11	11	13	10
11	11	9	12	14	14	15	15	9	12	13	12	11	14	12	13	12	5	1	0	0	-	-	-	0	10
12	0	2	0	0	0	0	0	0	1	1	3	5	5	5	4	2	1	0	1	4	5	5	5	4	2
13	4	6	10	11	12	12	10	11	11	11	11	11	10	12	12	11	5	2	7	5	1	2	10	12	9
14	13	13	14	14	14	13	15	18	17	17	17	14	16	13	13	13	11	11	8	2	4	8	2	7	12
15	2	5	9	10	11	11	10	6	5	4	6	10	10	9	8	7	4	4	****	7	7	8	9	8	7
16	9	9	9	10	9	9	8	7	7	8	9	9	9	8	7	6	6	5	6	6	7	8	8	8	8
17	8	7	9	5	4	5	2	1	2	5	7	8	6	7	8	7	3	16	18	****	****	11	10	8	7
18	6	11	11	11	11	14	12	7	6	11	8	10	10	9	11	9	2	4	11	14	12	-	-	-	10
19	13	14	16	13	12	13	12	11	10	13	13	13	-	-	11	8	6	6	4	5	5	5	4	3	10
20	4	5	9	9	9	10	7	4	9	10	11	12	13	11	11	9	6	6	6	8	9	10	11	11	9
21	12	11	12	10	11	13	12	10	12	12	12	12	12	13	12	10	10	8	10	11	8	10	11	5	11
22	3	3	3	7	5	7	7	1	0	2	3	****	16	3	5	4	2	3	5	9	14	16	16	13	6
23	13	13	12	12	13	13	10	5	5	5	6	6	4	****	4	3	3	3	****	5	5	4	5	10	7
24	10	12	13	14	13	11	13	13	13	13	12	11	11	11	10	11	12	13	11	8	9	9	8	9	11
25	9	9	11	12	9	9	8	8	7	6	10	10	10	10	7	7	10	12	13	12	5	2	2	1	8
26	1	2	8	17	20	18	14	12	14	13	12	12	11	9	9	8	11	11	12	13	11	10	7	10	11
27	9	10	10	11	10	11	10	8	8	9	9	9	9	8	9	9	1	0	0	1	1	1	2	1	7
28	1	9	13	11	11	10	13	12	12	14	13	15	13	10	9	8	7	7	6	6	5	5	4	3	9
29	3	5	6	5	5	5	3	1	5	2	4	8	8	8	8	8	7	7	8	11	11	11	11	11	7
30	12	12	13	13	12	12	11	8	8	10	11	10	10	9	9	8	5	5	5	6	7	8	8	8	9
31	7	9	11	12	11	11	11	9	6	7	6	3	8	8	7	6	5	1	1	1	2	3	8	-	7
MEAN	7	9	10	10	10	11	10	7	7	8	9	9	10	9	9	8	6	6	7	7	7	7	7	7	8.2

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8.9	13	28
FEB	29	11.5	22	38
MAR	31	14.7	21	35
APR	28	14.6	27	43
MAY	31	22.5	49	78
JUN	28	18.4	46	66
JUL	31	17.0	38	76
AUG	29	18.5	38	55
SEP	30	12.4	31	57
OCT	31	10.2	15	30
NOV	30	9.5	17	24
DEC	31	8.2	13	20
YEAR	358	13.9	49	78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	432	302	0	0	0	0	0	0	734
FEB	223	457	1	0	0	0	0	0	681
MAR	139	601	2	0	0	0	0	0	742
APR	185	433	16	0	0	0	0	0	634
MAY	70	506	149	14	0	0	0	0	739
JUN	140	450	58	30	0	0	0	0	678
JUL	233	433	51	19	0	0	0	0	736
AUG	198	405	97	4	0	0	0	0	704
SEP	360	322	28	5	0	0	0	0	715
OCT	359	377	0	0	0	0	0	0	736
NOV	410	305	0	0	0	0	0	0	715
DEC	481	239	0	0	0	0	0	0	720
YEAR	3230	4830	402	72	0	0	0	0	8534

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.2	0	4.0	8.7	11.7	15.2	24.1	31.2	41.5	48.2	78	13.9

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